

Using EPA Energy Star® Portfolio Manager® To Benchmark Municipal Buildings

And Document Completion Of Sustainable CT Energy Actions 6.1 And 6.2

JULY 2018

Today's Presenters

- Lynn Stoddard, Sustainable CT
- Zach Shelin, Cadmus on behalf of EPA Energy Star
- Rick Mascoli, Eversource
- Andy Brydges, Eversource
- Sheri Borelli, United Illuminating

Agenda



- Overview of Sustainable CT Energy Actions
- Setting Up Your EPA Portfolio Manager® Account, Building Properties, Creating Meters
- Requesting to Share Automated Data Transfer with Eversource, with UI
- Portfolio Manager Data Request to Document Completion of Sustainable CT Action 6.1 “Benchmark and Track Energy Use” and 6.2 “Reduce Energy Use Across All Municipal Buildings”
- Q&A

6.1 Benchmark and Track Energy Use

5 Points



- THIS ACTION HAS VARIABLE POINTS: 5, 10

6.2 Reduce Energy Use Across All Municipal Buildings

10 Points



- THIS ACTION HAS VARIABLE POINTS: 10, 20, 30, 40, 50

6.3 Achieve High Energy Performance for Individual Buildings

5 Points



• THIS ACTION HAS VARIABLE POINTS: 5 – 100

6.4 Increase Use of Renewable Energy in Municipal Buildings

10 Points



• THIS ACTION HAS VARIABLE POINTS: 10, 20, 30, 40, 50

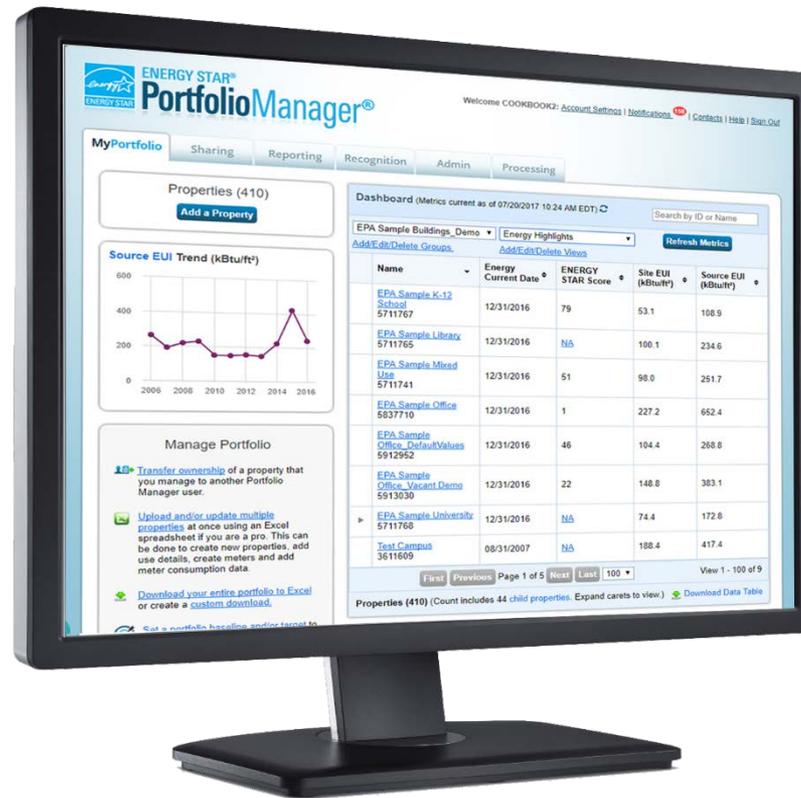
Part 1

CREATING YOUR PORTFOLIO MANAGER[®] ACCOUNT

Visit:

<https://portfoliomanager.energystar.gov/pm/signup>

PORTFOLIO MANAGER LIVE DEMONSTRATION



The screenshot shows the Energy Star Portfolio Manager website. At the top, there's a navigation bar with 'ABOUT ENERGY STAR' and 'PARTNER RESOURCES'. Below that is the Energy Star logo and the tagline 'The simple choice for energy efficiency.' The main navigation includes 'ENERGY EFFICIENT products', 'ENERGY SAVINGS at home', 'ENERGY EFFICIENT new homes', and 'ENERGY STRATEGIES FOR buildings & plants'. A breadcrumb trail reads 'Home » Buildings & Plants » Owners and managers » Existing buildings » Use Portfolio Manager'. The 'Buildings & Plants' section has a sub-menu with 'Owners and managers', 'Service providers', 'Program administrators', 'Tenants', 'Tools and Resources', and 'Training'. The 'Use Portfolio Manager' section is highlighted in the sidebar. The main content area features a banner for 'ENERGY STAR Portfolio Manager' with the text 'The most-used energy measurement and tracking tool for commercial buildings'. Below this is a section titled 'Use Portfolio Manager' with the text: 'You've heard it before: you can't manage what you don't measure. That's why EPA created ENERGY STAR Portfolio Manager®, an online tool you can use to measure and track energy and water consumption, as well as greenhouse gas emissions. Use it to benchmark the performance of one building or a whole portfolio of buildings, all in a secure online environment.' This section is followed by 'Not sure if Portfolio Manager is for you? It is!' and 'Are you designing a new commercial building? You can also use Portfolio Manager to set your energy use target and see how your estimated design energy stacks up against similar existing buildings nationwide.' At the bottom of the main content area, there are two screenshots of the Portfolio Manager interface. To the right of the main content area, there is a '2017 ENERGY STAR TOP CITIES' list: 1. Washington, DC, 2. Los Angeles, 3. New York. Below this is a 'Log in' form circled in red, with the following fields: 'username' (ekatezayko1), 'password' (represented by dots), and a 'LOGIN' button. There are also links for 'Forgot password?' and 'Forgot username?'. At the bottom right, there is a 'PORTFOLIO MANAGER DATA COLLECTION WORKSHEET' section with a 'LEARN MORE' button.

Create a
username
and
password

Log in

Navigate Portfolio Manager

Portfolio level view



ENERGY STAR®
ENERGY STAR **PortfolioManager**®

Welcome ekatezayko1: [Account Settings](#) | [Contacts](#) | [Help](#) | [Sign Out](#)

MyPortfolio | [Sharing](#) | [Reporting](#) | [Recognition](#)

Properties (14)
[Add a Property](#)

Source EUI Trend (kBtu/ft²)

Year	Source EUI (kBtu/ft²)
2008	320
2009	300
2010	290
2011	290
2012	280
2013	270
2014	200
2015	190
2016	190

Total GHG Emissions Trend (Metric Tons CO2e)

Year	Total GHG Emissions (Metric Tons CO2e)
2008	4k
2009	4k
2010	4k
2011	4k
2012	4k
2013	4k
2014	21k
2015	26k
2016	19k

Notifications (7) [View All](#)

Bernal Office Building - Sharing request sent to Chris Weatherly	Cancel Clear
Heinlein Office Bldg - Sharing request sent to Chris Weatherly	Cancel Clear

Properties (14) (Count includes 4 child properties. Expand carets to view.) [Add a Property](#)

Filter by: [View All Properties \(14\)](#) Search [Search](#)

[Create Group](#) | [Manage Groups](#)

Name	Action
Bernal Office Building	I want to... <input type="button" value="v"/>
Durango Office Building	I want to... <input type="button" value="v"/>
Heinlein Office Bldg	I want to... <input type="button" value="v"/>
Ortega Office Tower	I want to... <input type="button" value="v"/>
Pepco Test Building Zayko	I want to... <input type="button" value="v"/>
Sample K-12 School (US)	I want to... <input type="button" value="v"/>
Sample Library (US)	I want to... <input type="button" value="v"/>

Creating your Portfolio Manager[®] Account

- Register your account through the EPA website

The screenshot shows the 'Create an Account' page for ENERGY STAR Portfolio Manager. The page is divided into two main sections: 'Accessing Your Account' and 'About Yourself'. The 'Accessing Your Account' section includes fields for Username, Password, and Confirm Password. The Password field has a note: 'Create a password that is at least 8 characters long and includes at least three of the following: lowercase letters, uppercase letters, numbers and/or special characters (such as *, #, %, etc.).' The 'About Yourself' section includes fields for First Name, Last Name, Job Title, Email, Confirm Email, Phone, and Country (a dropdown menu). There is also a 'Language' dropdown menu set to 'English' and 'Reporting Units' radio buttons for 'Conventional EPA Units (e.g., kBtu/ft²)' and 'Metric Units (e.g., GJ/m²)'. On the right side, there are two informational sections: 'Getting Started' and 'Accounts for Organizations'. The 'Getting Started' section includes a note: 'Please complete and submit this form to register for an account with Portfolio Manager. After submission, you will receive an email confirmation. If your email provider actively filters spam, please add "noreply@energystar.gov" to your address book to ensure delivery.' The 'Accounts for Organizations' section includes a note: 'If you are creating an account that you intend to use as your organization's account, then you may want to consider entering your organization name in the first and last name fields in order to make it easier for other Portfolio Manager users to find your organization. Example: First Name: Company ABC, Last Name: Web Services Division'. At the top right, there are links for 'Help | Login' and 'Language: English | Français'. At the top left, there is the ENERGY STAR logo and 'PortfolioManager[®]'. At the bottom right, there is a link: 'Already have an account? [Sign In Here](#)'.

Adding Properties to Your Account

The screenshot displays the ENERGY STAR Portfolio Manager interface. At the top left is the ENERGY STAR logo and the text 'ENERGY STAR Portfolio Manager'. At the top right, it says 'Welcome ES_StateTest1: Account Settings | Contacts | Help | Sign Out'. Below the header are tabs for 'MyPortfolio', 'Sharing', 'Reporting', and 'Recognition'. The main content area is divided into several sections:

- Properties (5)**: A box containing a red circle around the 'Add a Property' button.
- Notifications (0)**: A box stating 'You have no new notifications.'
- Source EUI Trend (kBtu/ft²)**: A line graph showing data points for the years 2013, 2014, and 2015, with values around 150.
- Properties (5)**: A summary box with a sub-button 'Add a Property' and a 'Filter by:' dropdown set to 'View All Properties (5)'. It includes a search bar and a 'Search' button.
- Table of Properties**: A table with columns 'Name' and 'Action'. It lists three properties: 'CT DAS/CT DEEP Mobile Enviro. Lab Bldg', 'CT Dept of Environmental Protection', and 'CTDEEP Headquarters Building (Hartford)'. Each row has an 'I want to...' dropdown menu.
- Total GHG Emissions Trend (Metric Tons CO₂e)**: A partially visible section at the bottom left.

At the bottom of the interface, there is a pagination control showing 'Page 1 of 1' and a 'View 1 - 3 of 3' indicator.

- Click on **“Add a Property”** to get started

Property Information

- Choose your property type
- Select the number of buildings on your property
- Select your construction status
- Click “Get Started!”



Your Property Type

We'll get into the details later. For now, overall, what main purpose does your property serve?

[Learn more about Property Types.](#)



Your Property's Buildings

How many physical buildings do you consider part of your property?

- None: My property is part of a building
- One: My property is a single building
- More than One: My property includes multiple buildings ([Campus Guidance](#))

How many?



Your Property's Construction Status

Is your property already built or are you entering this property as a construction project that has not yet been completed?

- Existing:** My property is built, occupied and/or being used. I will be using Portfolio Manager to track energy/water consumption and, perhaps, pursue recognition.
- Design Project:** My property is in the conceptual design phase (pre-construction); I will be using Portfolio Manager to evaluate the energy efficiency of the design project.
- Test Property:** This is not a real property. I am entering it to test features, or for other purposes such as training.



Tip

To set up a property, you'll need information such as [gross floor area](#) and [operating hours](#).



Tip

Not sure what kind of property you are? Because we focus on whole building benchmarking, you want to select the property type that best reflects the activity in the majority of your building. Don't worry if you have other tenants with different business types, just select the main activity.



Test Properties

You may want to enter a property into Portfolio Manager that isn't actually a "real" property, either to familiarize yourself with features or maybe to train other people. By telling us this a "Test" property, we can give the option of including this property in your portfolio-level metrics, charts and table or not, depending what your needs are. This can be configured on your [Account Settings](#).

Property Information

- Fill out the basic property information

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.

About Your Property

Name: *

Country: *

Street Address: *

City/Municipality: *

State/Province: *

Postal Code: *

[Year Built:](#) *

Gross Floor Area: * [Temporary Value](#)

Gross Floor Area (GFA) is the total property floor area, measured from the principal exterior surfaces of the building(s). Do not including parking. [Details on what to include.](#)

[Irrigated Area:](#)

i Tip

The name you choose for your property does not have to be unique. But, it may make it easier for you to work with properties in your portfolio if you do not use the same (or similar) names.

.....

- Add other usage types, if applicable

Set up a Property: How is it used?

Based on what you've told us so far, Portfolio Manager has set up your property. Fill in the tables below to provide more detailed information on how your property is used.

[Basic Information](#)

Name:	Test Building	Country:	US
Property Type:	Office	Address:	123 Main Street Hartford, CT 06101 Map It
Year Built:	1980		
Property consists of:	1 building		

[Edit](#)

Property Usage Details

- Fill out usage details for your property
- Any information denoted by a blue star is required to receive an Energy Star[®] certification on your building

▼ **Building Use** / [Edit Name](#)

Office refers to buildings used for the conduct of commercial or governmental business activities. This includes administrative and professional offices.

Gross Floor Area (GFA) should include all space within the building(s) including offices, conference rooms and auditoriums, break rooms, kitchens, lobbies, fitness areas, basements, storage areas, stairways, and elevator shafts.

If you have restaurants, retail, or services (dry cleaners) within the Office, you should most likely include this square footage and energy in the Office Property Use. There are 4 exceptions to this rule when you should create a separate Property Use:

- If it is a [Property Use Type that can get an ENERGY STAR Score](#) (note: Retail can only get a score if it is greater than 5,000 square feet)
- If it accounts for more than 25% of the property's GFA
- If it is a vacant/unoccupied Office
- If the Hours of Operation differ by more than 10 hours from the main Property Use

[More on this rule.](#)

Property Use Detail	Value	Current As Of	Temporary Value
★ Gross Floor Area	* <input type="text" value="25,000"/> <input style="font-size: small; border: none; padding: 0 5px;" type="text" value="Sq. Ft."/> ▼	<input type="text" value="1/1/1980"/>	<input type="checkbox"/>
★ Weekly Operating Hours	<input type="text" value="65"/> <input type="checkbox"/> Use a default	<input type="text" value="1/1/1980"/>	<input type="checkbox"/>
★ Number of Workers on Main Shift	<input type="text" value="20"/> <input type="checkbox"/> Use a default	<input type="text" value="1/1/1980"/>	<input type="checkbox"/>
★ Number of Computers	<input type="text" value="25"/> <input type="checkbox"/> Use a default	<input type="text" value="1/1/1980"/>	<input type="checkbox"/>
★ Percent That Can Be Heated	<input type="text" value="50 % or more"/> ▼ <input type="checkbox"/> Use a default	<input type="text" value="1/1/1980"/>	<input type="checkbox"/>
★ Percent That Can Be Cooled	<input type="text" value="50 % or more"/> ▼ <input type="checkbox"/> Use a default	<input type="text" value="1/1/1980"/>	<input type="checkbox"/>

★ This Use Detail is used to calculate the 1-100 ENERGY STAR Score.

Back
Add Property
Cancel

Confirmation

MyPortfolio | Sharing | Reporting | Recognition

Congratulations! You have successfully created your property.

Next, you can:

- [Add energy use information](#), so that you can see your energy performance metrics.

Test Building
123 Main Street, Hartford, CT 06101 | [Map It](#)
Portfolio Manager Property ID: 5731444
Year Built: 1980
[Edit](#)

Not eligible to apply for ENERGY STAR Certification

Weather-Normalized Source EUI (kBtu/ft²) Why not score?

Current EUI: [N/A](#)

Baseline EUI: [N/A](#)

Summary | Details | Energy | Water | Waste & Materials | Goals | Design

Notifications (0)
You have no new notifications.

Property Profile
You haven't created a profile for your property yet. Profiles are a way to supplement the information in Portfolio Manager with additional information about

Metrics Summary

Metric	Not Available (Energy Baseline)	Not Available (Energy Current)	Change
ENERGY STAR score (1-100)	Not Available	Not Available	N/A
Source EUI (kBtu/ft ²)	Not Available	Not Available	N/A
Site EUI (kBtu/ft ²)	Not Available	Not Available	N/A
Energy Cost (\$)	Not Available	Not Available	N/A

Congratulations, you've created your first property!

Part 2

ENTERING METER INFORMATION

Adding Meters to a Building

MyPortfolio | Sharing | Reporting | Recognition

Properties (6)
[Add a Property](#)

Source EUI Trend (kBtu/ft²)

Year	Source EUI (kBtu/ft ²)
2006	0
2008	0
2010	0
2012	0
2013	150
2014	155
2015	155
2016	155

Total GHG Emissions Trend (Metric Tons CO₂e)

Notifications (5) [View All](#)

Properties (6) (Count includes 2 child properties. Expand carrots to view.)

Filter by:

[Create Group](#) | [Manage Groups](#)

Name	Action
CT DAS/CT DEEP Mobile Enviro. Lab Bldg	<input type="text" value="I want to..."/>
CT Dept of Environmental Protection	<input type="text" value="I want to..."/>
CTDEEP Headquarters Building (Hartford)	<input type="text" value="I want to..."/>
Test Building	<input type="text" value="I want to..."/>

Page 1 of 1 | 200

- Select the building to which you want to add a meter

Adding a Meter

- Click on the “**Energy**” tab on your property overview
- Click on the “**Add a Meter**” button

The screenshot shows a web interface with a navigation bar at the top containing tabs for Summary, Details, Energy, Water, Waste & Materials, Goals, and Design. The 'Energy' tab is highlighted with a red circle. Below the navigation bar, there are three main sections:

- Meter Summary:** Displays '0 Energy Meters Total' and explains that metrics require meters. It includes an 'Add A Meter' link and an 'Enter Your Bills' button.
- Meters - Used to Compute Metrics (0):** Features a 'View as a Diagram' link and a prominent 'Add A Meter' button circled in red.
- Informational Box:** Contains a warning icon and text stating that no energy meters are currently entered, providing instructions on how to track usage and links for more information.

At the bottom, there is a section titled 'Four Ways to Enter Bill Data' with a list of methods:

1. Manually
2. Use our [simple spreadsheet](#) (one meter) to upload or Copy/Paste
3. Use our [complex spreadsheet](#) (multiple meters + multiple properties)
4. [Find an organization](#) to electronically enter your data into Portfolio Manager

Selecting Fuel Types

- Select the types of meters your property uses
- Fill out any additional details about your meter
- Click “**Continue**” when finished

Get Started Setting Up Meters for Test Building

There are four ways to enter meter data. First, you can enter manually, starting below. Second, you can set up your meter with a formatted spreadsheet with just your bill data. Third, for advanced users, you can use our upload tool that allows you to upload your data. And finally, you can hire an organization that exchanges data to update your energy data automatically.



Sources of Your Property's Energy

What kind of [energy](#) do you want to track? Please select all that apply.

- Electric
 - purchased from the grid
 - How Many Meters?
 - generated onsite with my own solar panels
 - generated onsite with my own wind turbines
- Natural Gas
 - How Many Meters?
- Propane
- Fuel Oil (No. 2)
- Diesel
- District Steam
- District Hot Water
- District Chilled Water
- Fuel Oil (No. 4)
- Fuel Oil (No. 5 and No. 6)
- Coal (anthracite)
- Coal (bituminous)
- Coke
- Wood
- Kerosene
- Fuel Oil (No. 1)

Filling out Meter Details

About Your Meters for Test Building

Enter the information below about your new meters. The meter's *Units* and *Date Meter became Active* are required. You can also change the meter's name.

2 Energy Meters for Test Building (click table to edit)

<input type="checkbox"/>	Meter Name	Type	Other Type	Units	Date Meter became Active	In Use?	Date Meter became Inactive	Enter as Delivery?
<input type="checkbox"/>	57xxxxxxxxx	Natural Gas		ccf (hundred cubic feet)	1/1/2013	<input checked="" type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>	51xxxxxxxxx	Electric - Grid		kWh (thousand Watt-hours)	1/1/2013	<input checked="" type="checkbox"/>		<input type="checkbox"/>

[✖ Delete Selected Entries](#)
[+ Add Another Entry](#)

[Cancel](#)

- **Meter Name** – Enter your full 11-digit electric or natural gas account number
- **Units** – Select the fuel unit from the drop-down menu. Eversource bills in **kWh** (thousand Watt-hours) for electric and **ccf** (hundred cubic feet) for natural gas
- **Date Meter became Active** – Eversource will only transmit data from 1/1/2013 to current date

Manually Entering Data

Your Meter Entries for Test Building

Now we need actual energy consumption information in order to start providing you with your metrics and, possibly, your score!

2 Energy Meter(s) for Test Building

▼ 57xxxxxxxxx

Start Date	End Date	Usage ccf (hundred cubic feet)	Cost (\$)	Estimation
Click to add an entry				

✖ [Delete Selected Entries](#)
+ [Add Another Entry](#)
📄 [Learn how to copy/paste](#)

Upload data in bulk for this meter:

📘 You can copy/paste into the table above ([instructions in this FAQ](#)), or upload an Excel spreadsheet using our simple [spreadsheet template](#).

No file chosen

▶ 51xxxxxxxxx

[Cancel](#)

- Skip this page by clicking “**Continue**” unless you plan to manually enter usage data

Confirming Created Meters

Your meter entries have been added to your meters!

Select Energy Meters to Include in Metrics

Tell us which meters to include when calculating the Energy metrics for [Test Building](#) so that we can provide you with the most accurate metrics possible.

Summary

2

Meters representing the total energy consumption for [Test Building](#) (a single building).

Energy Meters

Select all meters to be included in your Energy metrics. (Hint: All meters should be included unless they are [sub-meters](#).)

<input type="checkbox"/>	Name Meter ID	Type
<input checked="" type="checkbox"/>	57xxxxxxxxx 25499822	Natural Gas
<input checked="" type="checkbox"/>	51xxxxxxxxx 25499823	Electric - Grid

Total of 2 meter(s). Tell us what this represents:

* These meter(s) account for the total energy consumption for [Test Building](#) (a single building).

These meter(s) do not account for the total energy consumption for [Test Building](#) (a single building).

About Sub-meters

If you have sub-meters to measure energy or water consumption for a specific purpose, and you also have a master meter (which measures total consumption), counting both of those meters would double count your consumption and skew your metrics (e.g., artificially increase your Site Energy Use Intensity). [Learn More about configuring meters for performance metrics.](#)

[Apply Selections](#) [Cancel](#)

- Verify your created meters and confirm they account for the entire property consumption

Confirmation

The screenshot shows the 'MyPortfolio' interface with a confirmation message circled in red: "Congratulations! Any energy meters you selected have been successfully associated to your property(ies)." Below this, the 'Test Building' details are shown, including the address "123 Main Street, Hartford, CT 06101" and "Year Built: 1980". A 'Weather-Normalized Source EUI (kBtu/ft²)' box shows 'Current EUI: N/A' and 'Baseline EUI: N/A'. The 'Energy' tab is selected, displaying a 'Meter Summary' with '2 Energy Meters Total' and '2 - Used to Compute Metrics'. A table titled 'Meters - Used to Compute Metrics (2)' lists two meters: one for Electric - Grid and one for Natural Gas, both marked as 'In Use? (Inactive Date)'. A 'Download Annual Totals by Meter' link is visible at the bottom right.

MyPortfolio | Sharing | Reporting | Recognition

Congratulations! Any energy meters you selected have been successfully associated to your property(ies).

Test Building
123 Main Street, Hartford, CT 06101 | [Map It](#)
Portfolio Manager Property ID: 5731444
Year Built: 1980
[Edit](#)

Not eligible to apply for ENERGY STAR Certification

Weather-Normalized Source EUI (kBtu/ft²) Why not score?
Current EUI: [N/A](#)
Baseline EUI: [N/A](#)

Summary | Details | **Energy** | Water | Waste & Materials | Goals | Design

Meter Summary
2 Energy Meters Total
2 - Used to Compute Metrics
[Add A Meter](#)
Current Energy Date
Not Available
[Enter Your Bills](#)

Meters - Used to Compute Metrics (2) [Add A Meter](#)
[Change Meter Selections](#)
[View as a Diagram](#)

Name Meter ID	Energy Type	Most Recent Bill Date	In Use? (Inactive Date)
51xxxxxxxxx 25499823	Electric - Grid		Yes
57xxxxxxxxx 25499822	Natural Gas		Yes

[Download Annual Totals by Meter](#)

Congratulations, you've created your meters!

Part 3

SETTING UP AUTOMATIC DATA TRANSFER

Accessing Your Contacts

ENERGY STAR®
ENERGY STAR PortfolioManager®

Welcome EE_CEC: [Account Settings](#) | [Contacts](#) | [Help](#) | [Sign Out](#)

MyPortfolio | Sharing | Reporting | Recognition

Properties (11)
[Add a Property](#)

Notifications (0)
You have no new notifications.

Source EUI Trend (kBtu/ft²)

Properties (11) (Count includes 1 child properties. Expand carrots to view.) [Add a Property](#)

Filter by: Search [Search](#)
[Create Group](#) | [Manage Groups](#)

Name	Action
EPA Sample K-12 School	I want to...
EPA Sample Library	I want to...
EPA Sample Office	I want to...

- Click on the “**Contacts**” link from your home page to access your address book

Adding a Contact

MyContacts Sharing Reporting Recognition

My Contacts

 [Search for new contacts](#)

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.

[Share](#) [Edit](#) [Delete](#) [Add Contact](#) [Add Organization](#)

All	<input type="checkbox"/>	Name	Organization
C	<input type="checkbox"/>	Eversource Clean Energy Communities (CTCleanCommunities) <small>Connected</small> EE	Eversource Energy
E	<input type="checkbox"/>	Eversource Utility	Eversource
S	<input type="checkbox"/>	syed sadath (syedsadath28@gmail.com) <small>Connected</small> Software Engineer	Test

[Share](#) [Edit](#) [Delete](#) [Add Contact](#) [Add Organization](#)

- Click the **“Add Contact”** button to bring up the search screen

Connecting with Eversource

- Search “*Eversource*” in the username field
- Click “**Connect**” on the account named: *Eversource Web Services*

Search Results

The results of your search are listed below. Clicking "Connect" will send a request to the person asking them to confirm your request to add them as your contact. If they accept, you will see them listed as a connected contact in your address book. If they do not accept, or have not accepted yet, you will see them as an unconnected contact in your address book. Connecting with contacts will make it easier to share property information within Portfolio Manager.

Your Search Criteria

Name:

Organization:

Username:

Email Address:

Search

 Eversource Web Services IT Consultant with Eversource	Connect
  Benchmarking intern with Eversource	Connect
  EEC with Eversource	Connect
  Analyst with ICF International	Connect
  Energy Efficiency Consultant with Eversource Energy	Connect

Navigation: <|< Page 1 of 1 >>|> 50 ▼ 1 - 5 of 5

Connecting with UIL

- Search “*UILCEC*” in the username field
- Select the *United Illuminating Clean Energy Communities* and click “**Connect**”

The screenshot displays the 'Search Results' page of the UIL Web Service Portal. At the top, there are navigation tabs for 'MyPortfolio', 'Sharing', 'Reporting', and 'Recognition'. Below the tabs, the 'Search Results' section includes a brief explanation of the search process and a 'Your Search Criteria' form. The form has fields for 'Name', 'Organization', 'Username' (containing 'UILCEC'), and 'Email Address', with a 'Search' button at the bottom. To the right of the form, a search result is displayed: 'UIL Web Service Portal' with the subtitle 'Web Services Account with United Illuminating Clean Energy Communities'. A 'Connect' button is positioned to the right of this result, and it is circled in red. Below the search results, there is a pagination control showing 'Page 1 of 1' and '1 - 1 of 1'.

Verifying Eversource Account Ownership

Send a Connection Request to [Eversource Web Services](#) to Begin Exchanging Data

[Eversource Web Services](#) 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 [Eversource Web Services](#). Once your connection request has been accepted, you can share individual properties and/or meters with them to get started exchanging data.

Relationship : * Example: 1
Enter 1 if you are owner, 2 if you are agent of an owner; 1 - 1 Characters

Your Name : * Example: John Mathew
Length: 1 - 50 Characters

Billing account # : * Example: 51123123456
Length: 8 - 11 Characters

Bill Start Date : * Example: 20160121
Enter the date Format as YYYYMMDD; 8 - 8 Characters

Bill End Date : * Example: 20160121
Enter the date Format as YYYYMMDD; 8 - 8 Characters

Individual Month Energy Usage Amount on Bill (kWh or CCF) : * Example: 73.32
Length: 1 - 15 Characters

Email : * Example: John@abc.com
Length: 1 - 50 Characters

Phone # : * Example: 781-321-0000
Length: 1 - 20 Characters

Terms of Use:

By submitting this request I understand that Eversource will provide my Portfolio Manager account with energy usage and billing data. Once approved, Eversource will have access to facility data from your listed properties. Eversource may use this data to recommend energy saving services. Eversource will not share your information or data with non-Eversource entities. Check the below box to agree to the aforementioned terms of use

Agreement: * I agree to my provider's ([Eversource Web Services](#)) Terms of Use.

[Send Connection Request](#) [Cancel](#)

- Fill in required fields with info from any recent bill to verify you are the account owner
- Ensure formatting matches the example
- Read the Terms of Use at the bottom of the page and check the box indicating agreement
- Verification will occur overnight

Sharing Properties

The screenshot shows the ENERGY STAR Portfolio Manager interface. At the top, the logo and "ENERGY STAR PortfolioManager®" are visible. A navigation bar includes "MyPortfolio", "Sharing", "Reporting", and "Recognition". The "Sharing" tab is active. On the left, under "My Shared Properties (0)", there are three buttons: "Share (or Edit Access to) a Property", "Set Up Web Services/Data Exchange" (circled in red), and "Download Sharing Report". On the right, a "Sharing Notifications (0)" box states "You have no new notifications." Below that, a "More About Sharing" section explains that no properties are currently shared and provides a link to "Learn more about exchanging data." At the bottom, there are social media icons and a footer with links for "Contact Us", "Privacy Policy", "Browser Requirements", and "ENERGY STAR Buildings & Plants Website".

- Click on the “**Sharing**” tab from your home screen
- Click on the “**Set Up Web Services/Data Exchange**” button

Sharing Access to a Property

1. Select the “**Eversource Web Services**” account or the “**UIL Web Services**” account

2. Select the number of properties to set up for data transfer

3. Select the option for “**I want to provide different levels of access...**”

4. Click “**Set Permissions**”

The screenshot shows a web interface with a navigation bar containing 'MyPortfolio', 'Sharing', 'Reporting', and 'Recognition'. The main heading is 'Share Properties for Exchanging Data'. Below the heading is a progress bar with four steps: 'Choose Permissions' (highlighted in blue), 'Set Up Connections', 'Check Existing Permissions', and 'View Results/Confirmation'. A paragraph of text explains the purpose of the sharing feature. The interface is divided into three numbered sections: 1. 'Select Web Services Provider (Account)' with a dropdown menu showing 'Eversource Web Services (Eversource)'. 2. 'Select Properties' with two dropdown menus showing 'One Property' and 'CT Dept of Environmental Protection'. 3. 'Choose Permissions' with two radio button options: 'I want to set permission levels in bulk for all selected properties and meters.' and 'I want to provide different levels of access for each property or to each individual meter within a property.' (which is selected). At the bottom right are 'Set Permissions' and 'Cancel' buttons. Red arrows from the text on the left point to the dropdown menus in sections 1, 2, and 3.

Beginning Data Exchange

The screenshot shows a web interface for sharing property data. At the top, there are tabs for 'MyPortfolio', 'Sharing', 'Reporting', and 'Recognition'. The 'Sharing' tab is active. The main heading is 'Share Your Property(ies)'. Below it, there is a sub-heading 'Select Permissions for Each Contact' with a blue gear icon and the number '4'. A dropdown menu is set to 'Property Name'. A table with columns for 'Name (ID)', 'No Access', 'Read Only Access', 'Full Access', 'Custom Access', and 'Exchange Data' is shown. The 'Exchange Data' column is circled in red. Below the table are buttons for 'Share Property(ies)' and 'Cancel'.

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

Name (ID)	No Access	Read Only Access	Full Access	Custom Access	Exchange Data
CT Dept of Environmental Protection (5047366)	<input type="radio"/>				
Eversource Web Services	<input type="radio"/>				

Select the “**Exchange Data**” option to begin account verification for that meter – this will automatically open next screen

Account Verification

Select Access Permissions to [CT Dept of Environmental Protection](#) for [Eversource Web Services](#).
The following information is required by [Eversource Web Services](#) in order to provide service to your property(ies). If you have any questions about how to complete this information, please contact them directly.

Select the permission level below that you would like to grant [Eversource Web Services](#) for each category.

Item	None	Read Only Access	Full Access	Is Eversource your service provider? Y/N ¹	ID2	Description ³
Property Information	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			
▼ All Meter Information						
▼ Energy Meters						
51-114803026	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="text" value="Y"/>	<input type="text" value="BA"/>	<input type="text" value="51997833074"/>
57-374040079	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="text" value="Y"/>	<input type="text" value="BA"/>	<input type="text" value="51997833074"/>
Electric Grid Meter	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="text" value="Y"/>	<input type="text" value="BA"/>	<input type="text" value="3028977056"/>

¹ Is Eversource your service provider? Y/N: Example: Y: Enter Y if Eversource is your service provider or N if not

*Note, you will have to use the horizontal scroll bar to see all entry fields

- Valid account information will be needed for each meter to verify the correct data will be sent
- Non-Eversource/UII meters will still have to be authorized here

United Illuminating Account Verification

Select Access Permissions to [CTLG Woodbridge Library 10NewtonRd](#) for [UIL Web Service Portal](#).

The following information is required by [UIL Web Service Portal](#) in order to provide service to your property(ies). If you have any questions about how to complete this information, please contact them directly.

Sharing on behalf of:

[Betsy Yagla](#)

Town Of Woodbridge
11 Meetinghouse Lane
Woodbridge, CT 06525

Select the permission level below that you would like to grant [UIL Web Service Portal](#) for each category.

Item	None	Read Only Access	Full Access	Account Number1	POD ID2
Property Information	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
▼ All Meter Information					
▼ Energy Meters					
[Redacted]	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	[Redacted]	[Redacted]
[Redacted]	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	[Redacted]	[Redacted]

- For the property and for each UI electric and SCG and CNG natural gas meter, select the Full Access radio button.
- For the Account Number field (1), enter the 14-digit account number with no dashes. UI starts with 01, SCG starts with 05, CNG starts with 04.
- For the POD ID field (2), enter the 13-digit POD number with no dashes. The POD ID is located on your bill under "New Charges & Credits"

Energy usage and cost data will be uploaded for up to 12 months, back to the last billing entry date. If no meter billing entries exists, 12 months of data will be uploaded. Data will usually upload overnight on a business day once the meter exchange is accepted by UIL.

Eversource Account Verification

Select Access Permissions to [CT Dept of Environmental Protection](#) for [Eversource Web Services](#).
The following information is required by [Eversource Web Services](#) in order to provide service to your property(ies). If you have any questions about how to complete this information, please contact them directly.

Select the permission level below that you would like to grant [Eversource Web Services](#) for each category.

ad ly cess	Full Access	Is Eversource your service provider? Y/N ¹	ID ²	Description ³	Usage History Load Required? Y/N ⁴
	<input checked="" type="radio"/> a	<input type="text"/> b	<input type="text"/> c	<input type="text"/> d	<input type="text"/> e
	<input type="radio"/>				
	<input checked="" type="radio"/>	<input type="text" value="Y"/>	<input type="text" value="BA"/>	<input type="text" value="51997833074"/>	<input type="text" value="N"/>
	<input checked="" type="radio"/>	<input type="text" value="Y"/>	<input type="text" value="BA"/>	<input type="text" value="51997833074"/>	<input type="text" value="N"/>
	<input checked="" type="radio"/>	<input type="text" value="Y"/>	<input type="text" value="BA"/>	<input type="text" value="3028977056"/>	<input type="text" value="Y"/>

1 Is Eversource your service provider? Y/N: Example: Y: Enter Y if Eversource is your service provider or N if not

- a) Select **Full Access** to allow for automatic transfer
- b) **Is Eversource your service provider?** Y = Yes
- c) **ID** can be Billing Account number (BA), Service Account Number (SA), or Meter Number (MN)
- d) **Description** enter the chosen ID exactly as it appears on your bill
- e) **Usage History Load Required? Y/N** - Historical data will be transferred going back to 1/1/2013

Eversource Account Verification

For **non-Eversource meters** enter the following:

- a) **Full Access** for information access
- b) **N** for a non-Eversource account
- c) **NA** for the ID field
- d) **NA** for Description
- e) **N** for history load data

Select Access Permissions to [CT Dept of Environmental Protection](#) for [Eversource Web Services](#).

The following information is required by [Eversource Web Services](#) in order to provide service to your property(ies). If you have any questions about how to complete this information, please contact them directly.

Select the permission level below that you would like to grant [Eversource Web Services](#) for each category.

Electric Grid Meter	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="text" value="Y"/>	<input type="text" value="BA"/>	<input type="text" value="3028977056"/>
▼ Water Meters						
Potable: Mixed Indoor/Outdoor Meter	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="text" value="n"/>	<input type="text" value="NA"/>	<input type="text" value="NA"/>
Goals, Improvements, & Checklists	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			
Recognition	<input type="radio"/>		<input checked="" type="radio"/>			

1 Is Eversource your service provider? Y/N: Example: Y: Enter Y if Eversource is your service provider or N if not

Account Verification

Select Access Permissions to [CT Dept of Environmental Protection](#) for [Eversource Web Services](#).

Checklists

Recognition	<input type="radio"/>	<input checked="" type="radio"/>			
-------------	-----------------------	----------------------------------	--	--	--

1 Is Eversource your service provider? Y/N: Example: Y; Enter Y if Eversource is your service provider or N if not
2 ID: Example: BA; Enter "BA" for Billing Account # or "SA" for Service Account # or "MN" for Meter #
3 Description: Example: 12345678901, 12345678902; Enter complete Billing Account #, Service Account #, or Meter #. For Multiple BA, SA, MN, Please enter with delimiter comma (,).
4 Usage History Load Required? Y/N: Example: Y; Enter "Y" if you want Eversource to send Usage History Data to ESPM (Starting from Jan 2013) or 'N' for Not Transferring usage history data

Additional Options:

Item	Yes	No
* Share Forward Allow Eversource Web Services to share this property with others and give them any permissions that he/she has, including the right to share with more people.	<input checked="" type="radio"/>	<input type="radio"/>

Apply Selections & Authorize Exchange Cancel

- Scroll to the bottom of the box to see remaining options
- Select “**Yes**” for Eversource and “**No**” for UIL to the Share Forward option
- Click “**Apply Selections & Authorize Exchange**” button

Finalizing the Exchange

MyPortfolio | **Sharing** | Reporting | Recognition

Share Your Property(ies)

To finish up, tell us what type of access the people you have selected should have for each of the properties that you have selected. The option to exchange data is only available for authorized accounts.

4 Select Permissions for Each Contact
The access levels you select do not have to be the same for each property or each person.

Sort by: Property Name ▾

Name (ID)	No Access	Read Only Access	Full Access	Custom Access	Exchange Data
CT Dept of Environmental Protection (5047366)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Eversource Web Services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Share Property(ies) [Cancel](#)

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

- Repeat the verification steps for any other properties on your account
- Click **“Share Property(ies)”** button when finished to submit your request

Confirmation

The screenshot shows a web application interface with a navigation bar at the top containing tabs for 'MyPortfolio', 'Sharing', 'Reporting', and 'Recognition'. The 'Sharing' tab is active. A green notification box is highlighted with a red oval, containing the text: '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 share. If you edited access to current permissions, the edits have been made, no acceptance is required. If you edited web services Custom ID fields, [read this](#).' Below the notification, there are two main sections. On the left, 'My Shared Properties (1)' includes buttons for 'Share (or Edit Access to) a Property' and 'Download Sharing Report'. On the right, 'Sharing Notifications (5) View All' displays a table of notifications. The table has two rows, each with a share icon, a description of the sharing request, and 'Cancel' and 'Clear' buttons.

Sharing Notifications (5) View All		
	CT Dept of Environmental Protection - Sharing request sent to Eversource Web Services	<input type="button" value="Cancel"/> <input type="button" value="Clear"/>
	Potable: Mixed Indoor/Outdoor Meter - Sharing request sent to Eversource Web Services	<input type="button" value="Cancel"/> <input type="button" value="Clear"/>

- You will receive the above notification confirming the request went through
- You will receive another notification in one business day confirming or denying that the request was successful

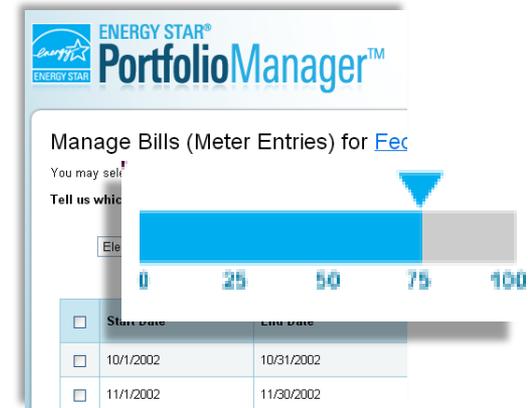
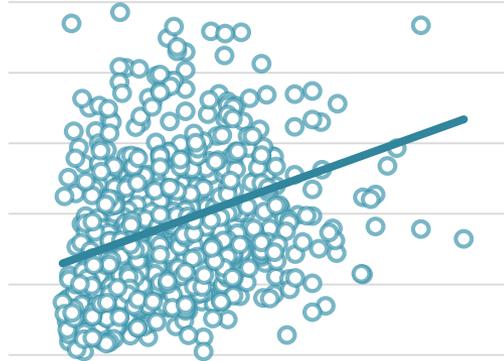
Eversource and UIL Support for data sharing operations

- For questions on data sharing operations with Eversource, email to: Eversource_ESPM_Support@eversource.com
- For questions on data sharing operations with UIL, email to: Sheri.Borelli@uinet.com

What is getting updated in ENERGY STAR Portfolio Manager?

- On **August 27, 2018**, EPA is releasing updated metrics to the tool as part of its standard process to keep ENERGY STAR metrics as current as possible:
 - 1-100 ENERGY STAR score models (based on CBECS 2012)
 - Bank branches
 - Courthouses
 - Financial offices
 - Hotels
 - Houses of worship
 - K-12 schools
 - Offices
 - Retail, including retail store and warehouse club/supercenter
 - Supermarkets
 - Warehouses, including refrigerated, non-refrigerated, and distribution centers
 - National source energy factor
 - Data center benchmarking options

EPA's 1 – 100 ENERGY STAR scores are based on market data

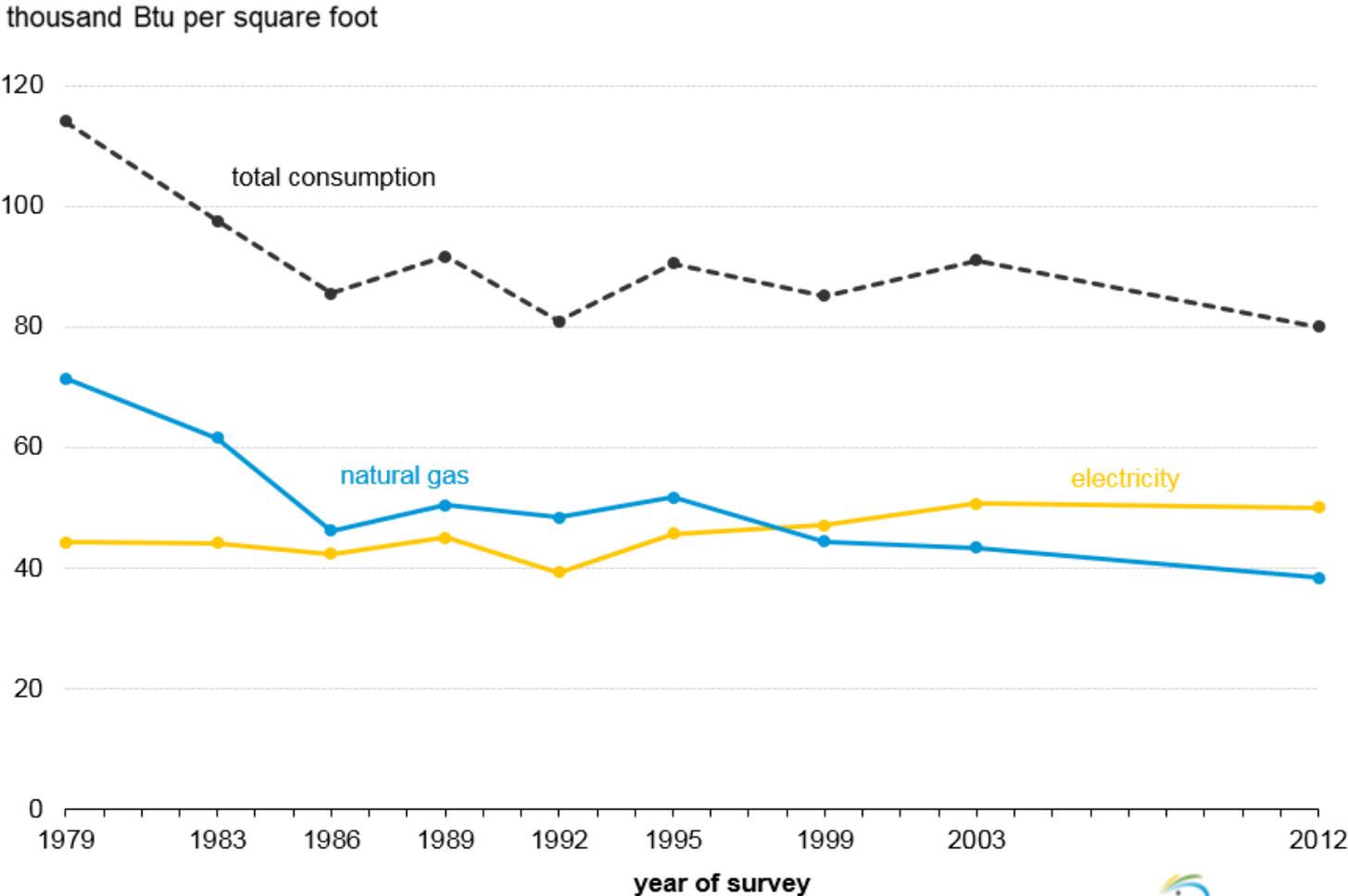


Nationally representative survey
- CBECS gathers data on building characteristics and energy use from thousands of buildings across the U.S.

EPA creates a **statistical model** that correlates the energy data of the property use details to identify the key drivers of energy use, accounting for weather variations

Compares the actual energy data for a building to the modeled estimate to determine where the building ranks relative to its peers on a 1-100 scale

Overall trend in U.S. building energy use (CBECS)

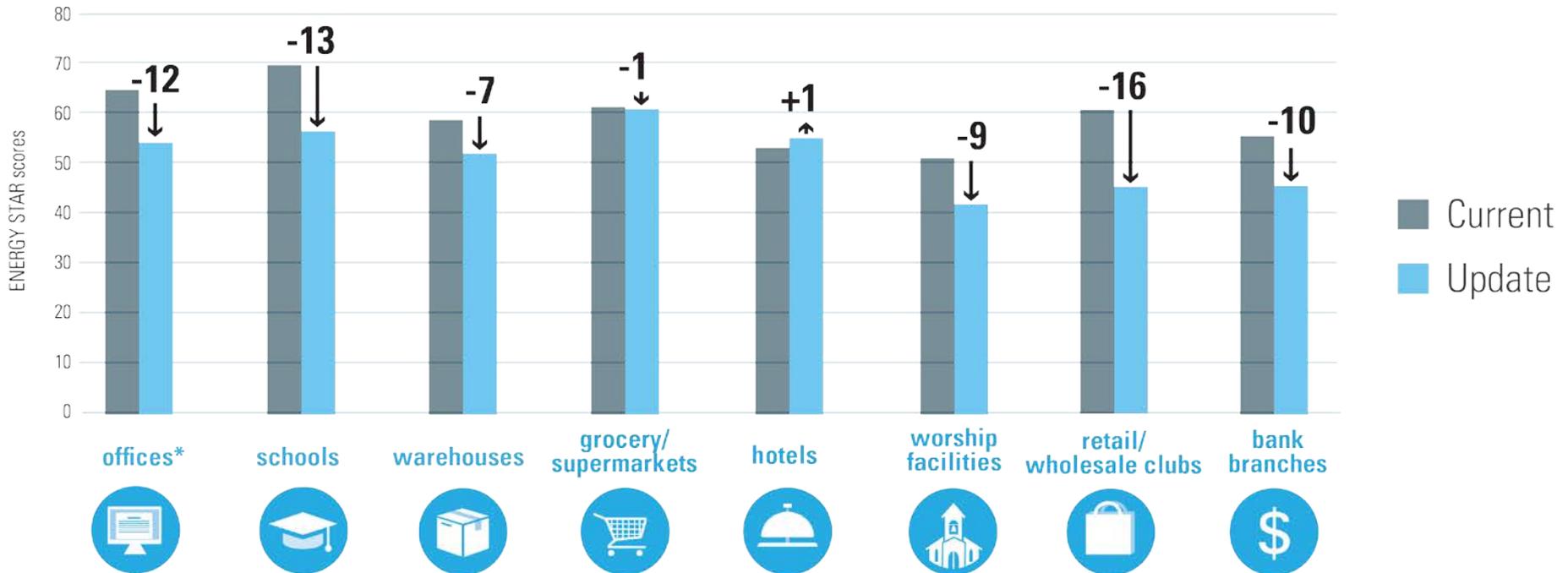


Source: U.S. Energy Information Administration, Commercial Buildings Energy Consumption Survey.



What does this mean for individual buildings?

Because average energy and grid performance is improving, the ENERGY STAR scores and performance metrics of individual buildings will, on average, go down.



*office, financial office, courthouse

These are average score changes for these building types. An individual building's score change is likely to differ from the average change shown above.

Will this impact your historical scores?

- Yes, when EPA updates the methodology, the new calculations will be applied to **all time periods**.
- You'll maintain the ability to compare performance over time.
 - Even if your scores go down, you'll still see your improvement between the baseline and the current periods
 - You'll continue to be able to analyze differences that are a result of your own activities, not EPA's methodology

Metrics Summary			
Metric	Dec 2014 (Energy Baseline)	Mar 2017 (Energy Current)	Change
ENERGY STAR Score (1-100)	39	48	9.00 (23.10%)
Source EUI (kBtu/ft ²)	294.9	264.4	-30.50 (-10.30%)
Site EUI (kBtu/ft ²)	118.7	95.8	-22.90 (-19.30%)
Energy Cost (\$)	581,581.78	540,588.06	-40993.72 (-7.00%)
Total GHG Emissions Intensity (kgCO ₂ e/ft ²)	11.3	9.9	-1.40 (-12.40%)
Water Use (All Water Sources) (kgal)	3,373.9	3,228.1	-145.80 (-4.30%)
Total Waste (Disposed and Diverted) (Tons)	879.99	836.75	-43.24 (-4.90%)

Any other changes in August?

Data center energy estimates

- New option: Estimated data center energy use
 - Designed for smaller data centers, within another property type, and where it is not practical to measure IT Energy
 - If IT energy is not metered, users will have the chance to apply estimates generated by Portfolio Manager
 - Estimate capped at 10% of the building area

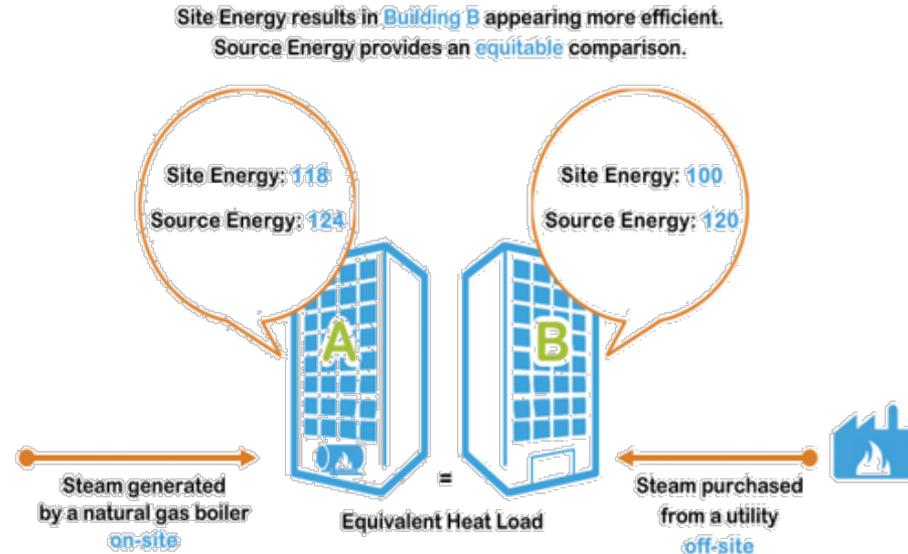
New use details in Portfolio Manager

- Warehouse
 - Percentage of gross floor area used for cold storage (**New in August**)
 - Percent that can be cooled and percent that can be heated (**New in August for refrigerated warehouses**)
- Worship Facilities
 - Gross floor area used for food preparation (**New in August**)
 - Percent that can be cooled and percent that can be heated (**New in August**)
- K-12 Schools
 - Number of workers on main shift
 - Exists now, but will be required in August
- Supermarket
 - Number of open or closed refrigeration/freezer units
 - Exists now, but will be required in August

Any other changes in August?

Update to Source Energy Factor

- Source energy traces the heat and electricity requirements of the building back to the raw fuel input
 - Level playing field for different fuel types
- Portfolio Manager delivers several key performance indicators in source energy:
 - Weather normalized source EUI
 - ENERGY STAR score
- New approach
 - Offsite renewables lower the national average electric source factor. Electricity generated from renewable energy sources has lower raw fuel inputs than electricity generated from fossil fuels.
- Updated electric source factor releasing Aug 26, 2018
 - Dropping from 3.1 to 2.8 (more efficient grid)
 - Will impact ENERGY STAR score & all source energy metrics
 - ENERGY STAR score could increase or decrease depending on a building's fuel-mix ratio
 - Changes based on this update alone will be small in magnitude comparatively



Preparing for the metric updates

- If needed, document pre-update metrics with Portfolio Manager reports
 - “Performance Highlight” Report
 - Portfolio-level, multi-year
 - Statement of Energy Performance
 - Building-level, represents 12-month performance period

ENERGY STAR Statement of Energy Performance

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ENERGY STAR® Score¹

Sample Property
Primary Property Function: Office
Gross Floor Area (ft²): 50,419
Built: 1951
For Year Ending: July 31, 2014
Date Generated: October 01, 2014

1. The ENERGY STAR score is a 1-100 assessment of a building's energy efficiency as compared with similar buildings nationwide, adjusting for climate and business activity.

Property & Contact Information

Property Address Sample Property 123 Main St Boston, Massachusetts 02134	Property Owner Property Inc. 123 Early Bird St Washington, DC 20460 202-999-9876	Primary Contact Jane Doe 123 Early Bird St Washington, DC 20460 555-123-4567 jane_doe@propertyinc.com
--	---	---

Property ID: 3681885

Energy Consumption and Energy Use Intensity (EUI)

Site EUI	Annual Energy by Fuel	National Median Comparison
75.7 kBtu/ft ²	Electric - Grid (kBtu) 2,453,824 (64%)	National Median Site EUI (kBtu/ft ²) 103.5
	Natural Gas (kBtu) 1,273,766 (33%)	National Median Source EUI (kBtu/ft ²) 247.6
	Propane (kBtu) 91,000 (2%)	% Diff from National Median Source EUI -27%
Source EUI 181.2 kBtu/ft ²		Annual Emissions Greenhouse Gas Emissions (Metric Tons CO ₂ e/year) 311

Signature & Stamp of Verifying Professional

I, _____ (Name) verify that the above information is true and correct to the best of my knowledge.

Signature: _____ Date: _____

Licensed Professional

John Smith
4 Privet Dr
Arlington, VA 22201
703-111-1234
john_smith@energyinspectors.com

Professional Engineer Stamp
(if applicable)

Preparing for the updates

- **Apply for ENERGY STAR certification (policy for 2018 only):**
 - If you earned 2017 ENERGY STAR certification for your building, you may apply for 2018 certification using a period ending date of April 30, 2018, or earlier. Applications submitted:
 - **Before July 26, 2018** and which require no significant follow-up or changes, will be guaranteed to be approved and awarded certification using the existing score models.
 - **July 26, 2018 – August 26, 2018** may be evaluated using the updated score models, especially if significant follow-up or changes to the application are required.
 - **After August 26, 2018** will be evaluated using the updated score models.



Preparing for the updates

- **Communicate the metric updates to colleagues, clients, stakeholders, etc.**
 - Download template materials:
www.energystar.gov/scoreupdates

UPDATES TO ENERGY STAR® BUILDING METRICS ARE COMING IN AUGUST 2018

The simple choice for energy efficiency. ENERGY STAR

March 22, 2018

If you benchmark one or more properties in ENERGY STAR Portfolio Manager®, you'll likely see a change in your buildings' 1-100 ENERGY STAR scores and other source energy metrics after August 26, 2018. That's because EPA is updating performance metrics in Portfolio Manager based on the most recent market data available. This is part of EPA's standard process to keep ENERGY STAR metrics as current as possible, and reflective of current market performance.

How will this impact my ENERGY STAR score?

The 1-100 ENERGY STAR score compares your building's energy performance to that of similar buildings nationwide. The most recent market data available shows an overall improvement in the energy performance of the U.S. building stock in recent years. So when Portfolio Manager metrics are updated this August, ENERGY STAR scores and other performance metrics will, on average, go down.

Exact score changes for specific buildings or portfolios will not be available prior to the August release. Your individual building's ENERGY STAR score may increase or decrease.

Property Type	Average Score Change
offices*	-12
schools	-13
warehouses	-7
grocery/supermarkets	-1
hotels	+1
worship facilities	-9
retail/wholesale clubs	-16
bank branches	-10

*office, financial office, co-working

Figure 1. Average score changes for common property types

What is the new available market data?

For most types of commercial buildings, the 1-100 ENERGY STAR score is based on the Commercial Buildings Energy Consumption Survey, which is conducted every four years by the U.S. Department of Energy's Energy Information Administration. The latest CBECS data became available in 2016 and is based on the results of the 2012 survey.

When will the changes take effect?

The release date for all updated scores is **August 26, 2018**. Users will see the updated metrics when they login to Portfolio Manager on Monday, August 27. Releasing the updated scores at one time will ensure that mixed-use buildings experience only one change.

How can I learn more and prepare?

Visit www.energystar.gov/scoreupdates for details about the updates, guidance on how to prepare for the updates, and a communication toolkit for sharing this news with your stakeholders. You can also join a webinar or view a recorded webinar at <https://esbuildings.webex.com/> to learn more.

ars, EPA's ENERGY STAR program has been America's resource for saving energystar.gov.

To co-brand, insert logo here

Updated ENERGY STAR® building metrics are coming

Do you benchmark in Portfolio Manager®? On August 26, 2018, 1-100 ENERGY STAR scores and source energy metrics are changing.

Property Type	Average Score Change
offices*	-12
schools	-13
warehouses	-7
grocery/supermarkets	-1
hotels	+1
worship facilities	-9
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bank branches	-10

*office, financial office, co-working

Learn more: www.energystar.gov/scoreupdates

LEARN MORE AT energystar.gov

THANK YOU! QUESTIONS?