

Standard Energy Efficiency Data Platform™



U.S. DEPARTMENT OF
ENERGY

Energy Efficiency &
Renewable Energy




SEED PLATFORM™ 2.17.2 Release Notes

February 2023

Overview: New Features / Updates

INVENTORY

- **List View**
 - **Meters:** An icon is added to indicate that a property has meter data 
 - **Filtering:** Filter Groups have been added to save a set of labels and filters
 - **Analyses: BETTER:** Can select meter data range
- **Detail View**
 - **Cycles:** it is now possible to switch cycles from the Detail View
 - **Meters:** *See Slide 7 for details*
 - Meter display has been updated
 - It is now possible to delete meters

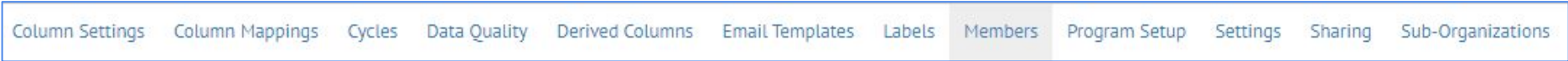
DATA

- **Mapping:** Fields can now be omitted from import

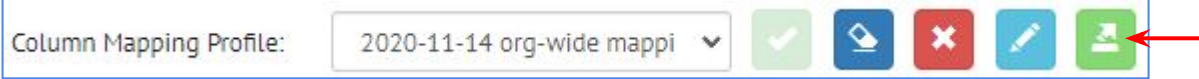
Overview: New Features / Updates

ORGANIZATION

- The options at the top of the main view have been alphabetized

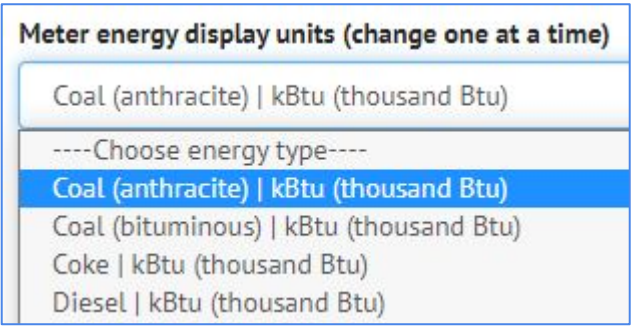


- Column Mappings: the field mapping can be exported to a CSV file



- Column Settings:

- Added Create Column feature
- Added GHG and GHG Intensity to Data Type
- Meter energy display units are now alphabetized



- Settings: Added help text to API Keys

INSIGHTS

- Added Insights to track building performance over time

CONTACT

- Support Links have been updated

Overview: Known Issues

INVENTORY

- **List View**
 - Sorting: In the Property tab, it is not possible to sort on Tax Lot fields; and vice versa

The screenshot shows a software interface with two tabs: 'View by Property' and 'View by Tax Lot'. Below the tabs is a table with several columns. The first column is 'PM Property ID' and the second is 'City (Tax Lot)'. The 'City (Tax Lot)' column is highlighted with a red box. A red arrow points to the 'City (Tax Lot)' column header with the text 'Sorting is not available'.

						PM Property ID	City (Tax Lot)
	✓	h	⚡	i		4544232	
	✓	h	⚡	i		4868144	
	✓	h	⚡	i		6159068	

INVENTORY: List View

- Filter Groups are added
- Icon to show attached meter data is added

Properties

Properties List

Properties List (legacy)

Column List Profiles

Reports

Cross-Cycles

Map

Data

Summary (Beta)

Cycle: 2018 Compliance Cycle

Sorting By (in order): (from table below)

Column List Profile: 2018 Compliance Year Property Fields

Current Filters: ENERGY STAR Score > 50

Actions:

Filter By Label: Compliant

AND OR EXCLUDE

Filter Group: Compliant / Energy Star > 50

✓

📄

✕

✎

View by Property

View by Tax Lot

Icon to show what properties have meter data

Click the icon to go the Detail View / Meter data

Filter Group Added:

Save set of filters and labels

					Custom ID 1	PM Property ID	Jurisdiction Tax Lot ID (...	Address Line 1	ENERGY STAR Score	Property Type	Property Name
+	✓	🔗	💬	⚡	105	5233255	33366125; 33366148; ...	521 Elm Street	55	K-12 School	Montessori Day
	✓	🔗	💬	⚡	108	1311525		20 Tenth Street	56	Laboratory	Biology Hall
+	✓	🔗	💬	⚡	110	1311527	13334485; 23810533	93029 Wellington Blvd	56	College/University	East Computing
+	✓	🔗	💬	⚡	111	1311528	13334485; 23810533	93031 Wellington Blvd	55	Residence	International H
	✓	🔗	💬	⚡	112	6798215		295302 Moser Lane	88	Library	City Library
+	✓	🔗	💬	⚡	102	1154623	11160509		67	Retail	Hilltop Retail
+	✓	🔗	💬	⚡	104	4828379	11160509		55	Office	Hilltop Offices
+	✓	🔗	💬	⚡	107	1311524	24651456		99	Performing Arts	Grange Hall
+	✓	🔗	💬	⚡	100	2264	1552813	50 Willow Ave SE	77	Hotel	University Inn

INVENTORY: Analyses: BETTER

It is now possible to select the meter data range for the analysis

Run Analysis (beta)

Name
Analysis Name

Type
BETTER

BETTER Analysis Inputs (Under active development)

Savings Target ⓘ
Benchmark Data ⓘ

Minimum Model R Squared ⓘ
0.6

Preprocess Meters ⓘ
Run Portfolio Analysis ⓘ

Use All Meter Data Select Meter Data Range

Create Analysis

Use All Meter Data:
BETTER will use the most recent 12 months of meter data

Run Analysis (beta)

Name
Analysis Name

Type
BETTER

BETTER Analysis Inputs (Under active development)

Savings Target ⓘ
Benchmark Data ⓘ

Minimum Model R Squared ⓘ
0.6

Preprocess Meters ⓘ
Run Portfolio Analysis ⓘ

Use All Meter Data Select Meter Data Range

From date:
01-01-2017

To date:
12-31-2017

Create Analysis

Select Meter Data Range:
Allows input of beginning and ending date of meter data to use in the analysis

INVENTORY: Detail View: Meters Updates

- An icon has been added to the Inventory List view to indicate properties with meter data
- Meters can be deleted

The screenshot shows the 'Property Detail' view for 'Campus Building 1'. The 'Meters' tab is selected. A red box highlights the 'Meters' tab, with an arrow pointing to it from the text 'Click the Meter icon in the Inventory List to open Property Detail / Meters for that property'. Another red box highlights the 'Actions' column in the meters table, with an arrow pointing to it from the text 'Meters can be deleted'. A third red box highlights the 'Type' column, with an arrow pointing to it from the text 'Select meters to display'. A fourth red box highlights the 'Readings' section, with an arrow pointing to it from the text 'Select meters to display'.

Property Detail

Property Detail | **Meters** | Sensors | Notes | Column List Profiles | Cross-Cycles | Analysis

Property : Campus Building 1

Interval: Exact

Upload GreenButton Data

Meters

Type	Alias	Source	Source Id	Scenario Id	Is Virtual	Scenario Name	Actions
Cost	Cost - Portfolio Ma...	Portfolio Manager	19368261		false		Delete
Electric - Grid	Electric - Grid - Por...	Portfolio Manager	19368261		false		Delete
Cost	Cost - Portfolio Ma...	Portfolio Manager	57890152		false		Delete
Electric - Grid	Electric - Grid - Por...	Portfolio Manager	57890152		false		Delete

Readings

Start Time	End Time	Electric - Grid - Portfolio M...	Cost - Portfolio Manager - 1x...	Electric - Grid - Portfolio M...	Cost - Portfolio Manager - 5x...
2018-01-01 00:00:00	2018-02-01 00:00:00	39,520.00	4,342.00		
2018-01-01 00:00:00	2018-01-31 00:00:00			100.00	300.00
2018-02-01 00:00:00	2018-02-28 00:00:00			112.00	325.00
2018-02-02 00:00:00	2018-02-28 00:00:00	44,000.00	4,975.55		
2018-03-01 00:00:00	2018-03-31 00:00:00	42,880.00	4,915.00	325.00	655.00
2018-04-01 00:00:00	2018-04-30 00:00:00	42,080.00	4,180.00	253.00	562.00

INVENTORY: Filter Groups

Filter Groups has been added in order to save filtering options

- Filter the data, using the field filter inputs or labels, and assign that set of filters a Filter Group name

Properties

Properties List

Properties List (legacy)

Column List Profiles

Reports

Cross-Cycles

Map

Data

Summary (Beta)

Cycle: 2018 Compliance Cycle

Sorting By (in order): (from table below)

Column List Profile: 2018 Compliance Year Property Fields

Current Filters: Gross Floor Area (ft²) > 50000

Actions:

Filter By Label: Energy Star Score > 25

Add a label

AND

OR

EXCLUDE

Filter Group: Energy Star Score > 25, Floor area > 50k

✓

📄

✕

✎

View by Property

View by Tax Lot

						PM Property ID	ENERGY STAR Score	Gross Floor Area (ft²)	Property Name	
								>50000		
					DQ: High Site EUI	Energy Star Score > 25	5233255	55	200,000.00	Montessori Day School
						Energy Star Score > 25	1311528	55	482,215.00	International House
						Energy Star Score > 25	4828379	55	55,121.00	Hilltop Offices
						Energy Star Score > 25	1311524	99	124,523.00	Grange Hall
						Energy Star Score > 25	1311525	43	421,351.00	Biology Hall

Rename Filter Group

Delete Filter Group

Save Filter Group

✎

📄

✕

✓

New Filter Group

DATA: Mapping

- Fields can be omitted from the import

SEED

1 - example-data-ESPM- 2020.xlsx

Set all fields to:

Property

Mapped Fields

IS OMITTED	INVENTORY TYPE	SEED HEADER	MEASUREMENT UNITS	DATA FILE HEADER
<input type="checkbox"/>	<div>Property</div>	<div>PM `Property ID</div>		Property ID
<input type="checkbox"/>	<div>Property</div>	<div>Parent Property ID</div>		Parent Property ID
<input type="checkbox"/>	<div>Property</div>	<div>Property Name</div>		Property Name
<input type="checkbox"/>	<div>Property</div>	<div>Address 1</div>		Address 1

Check the box in the “Is Omitted” column to prevent that field from being imported into SEED

SEED

1 - example-data-ESPM- 2020.xlsx

Set all fields to:

Property

Mapped Fields

IS OMITTED	INVENTORY TYPE	SEED HEADER	MEASUREMENT UNITS	DATA FILE HEADER
<input type="checkbox"/>	<div>Property</div>	<div>PM `Property ID</div>		Property ID
<input type="checkbox"/>	<div>Property</div>	<div>Parent Property ID</div>		Parent Property ID
<input type="checkbox"/>	<div>Property</div>	<div>Property Name</div>		Property Name
<input checked="" type="checkbox"/>	<div>Property</div>	<div>Address 1</div>		Address 1

The field will be “grayed out” and will not be imported

ORGANIZATIONS: Settings: API Key

API Key: Added help text to the various API Key options

Settings

- Options
- API Key**
- Units
- Default Display Fields
- Email
- Maintenance

MapQuest API Key

1AORWH0zd8u0Mxx9VmmchTEWmTKWRjLe

BETTER Analysis API Key

Please refer to the [BETTER documentation](#) to learn how to get an API key. Note, do not prefix the token with "Token ", only include the token itself. BETTER host is configured to be

60ba8069a4fd40bfaae83d61a27f27eb3988ef50

Audit Template Organization Token

Please refer to the [Audit Template documentation](#) to learn how to get an API key. Note, do not prefix the token with "Token ", only include the token itself.

Audit Template Email

Use the email associated with your account from [Building Energy Score website](#).

Audit Template Password

Use the password associated with your account from [Building Energy Score website](#).

Added Help text to API Key settings

ORGANIZATIONS: Settings: Units

The Meter energy display units are now alphabetized

Settings

Options

API Key

Units

Default Display Fields

Email

Maintenance

Measurement unit display for energy use intensities (EUI)

kBtu/sq. ft./year

Meter energy display units (change one at a time)

----Choose energy type----

----Choose energy type----

- Coal (anthracite) | kBtu (thousand Btu)
- Coal (bituminous) | kBtu (thousand Btu)
- Coke | kBtu (thousand Btu)
- Diesel | kBtu (thousand Btu)
- District Chilled Water - Absorption | kBtu (thousand Btu)
- District Chilled Water - Electric | kBtu (thousand Btu)
- District Chilled Water - Engine | kBtu (thousand Btu)
- District Chilled Water - Other | kBtu (thousand Btu)
- District Hot Water | kBtu (thousand Btu)
- District Steam | kBtu (thousand Btu)
- Electric - Grid | kWh (thousand Watt-hours)
- Electric - Solar | kWh (thousand Watt-hours)
- Electric - Unknown | kWh (thousand Watt-hours)
- Electric - Wind | kWh (thousand Watt-hours)
- Fuel Oil (No. 1) | kBtu (thousand Btu)
- Fuel Oil (No. 2) | kBtu (thousand Btu)
- Fuel Oil (No. 4) | kBtu (thousand Btu)
- Fuel Oil (No. 5 and No. 6) | kBtu (thousand Btu)
- Kerosene | kBtu (thousand Btu)

Save Changes

Meter energy display units
are now alphabetized

ORGANIZATIONS: Column Settings

Create Column has been added which allows creation of new fields

Column Settings Save Changes Create Column

Expand Help

View by Property View by Tax Lot

DISPLAY NAME **COLUMN NAME**

Search display Search column name

PM Property	pm_property_id
Custom ID 1	custom_id_1
Property Na	property_name
Address 1	Address 1 extra data

Create Column

Name My New Column Create Column

My New Col My New Column extra data

My New Column Text Rename

1 - Click Create Column to add a new field

2 - Enter the name of the new column

3 - Click Create Column

4 - New column (field) is created

5 - Set the data type

View by Property View by Tax Lot

	Custom ID 1	PM Property ID	My New Column
	105	5233255	
	108	1311525	
	110	1311527	

6 - The new column can be viewed in the Inventory List and Detail

ORGANIZATIONS: Column Settings: New Data Types

Data Types have been added for Greenhouse Gas Emissions and Greenhouse Gas Emissions Intensity

COLUMN DESCRIPTION	GEOCODING ORDER↓↑	RENAME	DATA TYPE
Total GHG Emissions (Metric Tons CO2e)	<input type="checkbox"/> ▼	Rename	GHG ▼
Total GHG Emissions Intensity (kgCO2e/ft2)	<input type="checkbox"/> ▼	Rename	GHG Intensity ▼
Direct GHG Emissions (Metric Tons CO2e)	<input type="checkbox"/> ▼	Rename	GHG ▼
Direct GHG Emissions Intensity (kgCO2e/ft2)	<input type="checkbox"/> ▼	Rename	GHG Intensity ▼
Indirect GHG Emissions (Metric Tons CO2e)	<input type="checkbox"/> ▼	Rename	GHG ▼
Indirect GHG Emissions Intensity (kgCO2e/ft2)	<input type="checkbox"/> ▼	Rename	GHG Intensity ▼

- 1 - Specify the Data Type for
- GHG emissions
 - GHG Emissions Intensity

GHG Intensity ▼

Number
Float
Integer
Text
Datetime
Date
Boolean
Area
EUI
Geometry
GHG
GHG Intensity

Save Changes

2 - Save the Changes

3 - Confirm the Changes

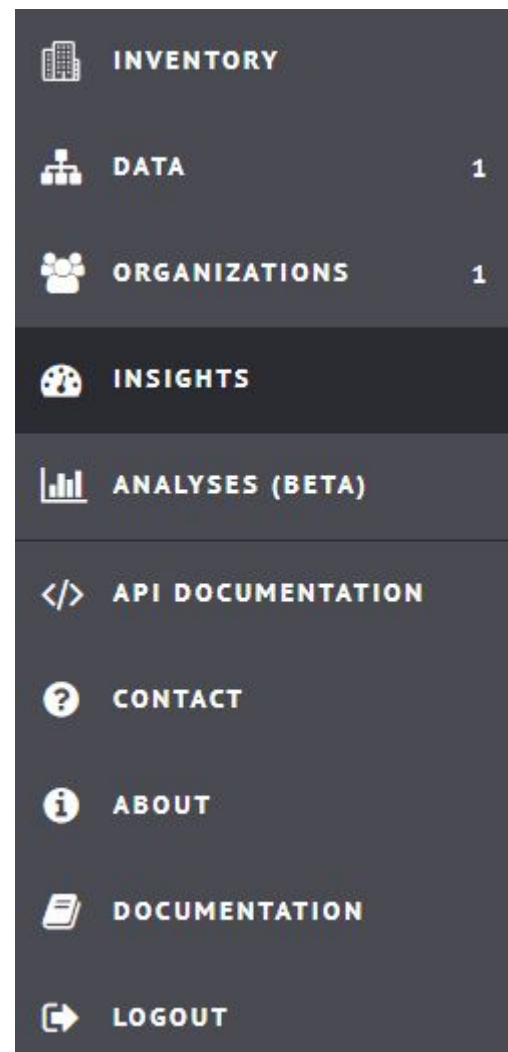
Review Changes

Column Name	Data Type Change
Total GHG Emissions (Metric Tons CO2e)	ghg
Total GHG Emissions Intensity (kgCO2e/ft2)	ghg_intensity
Direct GHG Emissions (Metric Tons CO2e)	ghg
Direct GHG Emissions Intensity (kgCO2e/ft2)	ghg_intensity
Indirect GHG Emissions (Metric Tons CO2e)	ghg

Confirm

INSIGHTS: Overview

- SEED now contains “Insights” which allows comparison of metrics, such as Energy or Greenhouse Gas emissions, over time.
- This can be useful for implementing Building Performance Standards to reach zero energy or emissions goals by a certain date
- Insights allows users to:
 - Import data into cycles over time with updated metrics in the building data as buildings are made more energy efficient
 - Compare the updated metrics to a target to understand how building energy performance is improving
 - View metrics at a portfolio level based on building type or other criteria
 - View individual buildings



There is now an Insights navigation bar which takes you to the INSIGHTS section of SEED.

INSIGHTS: Overview

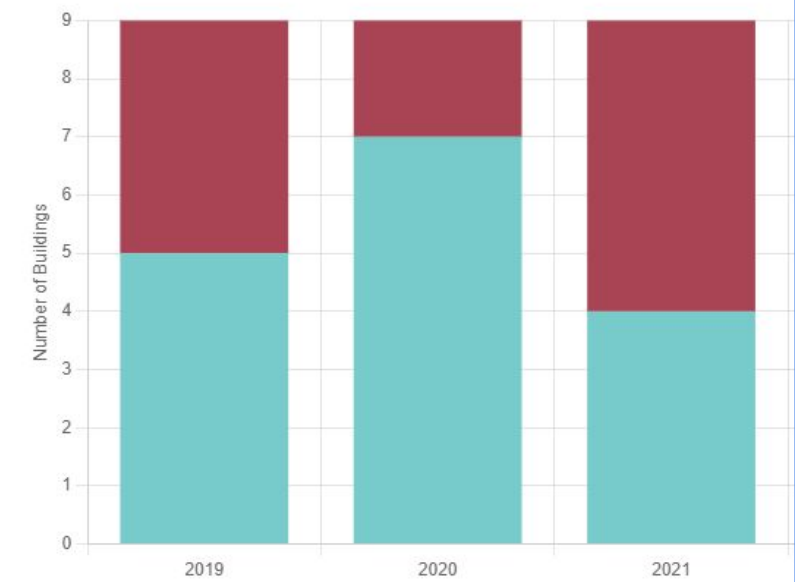
There are three options for the INSIGHTS navigation bar

- Program Overview
- Property Insights
- Custom Reports

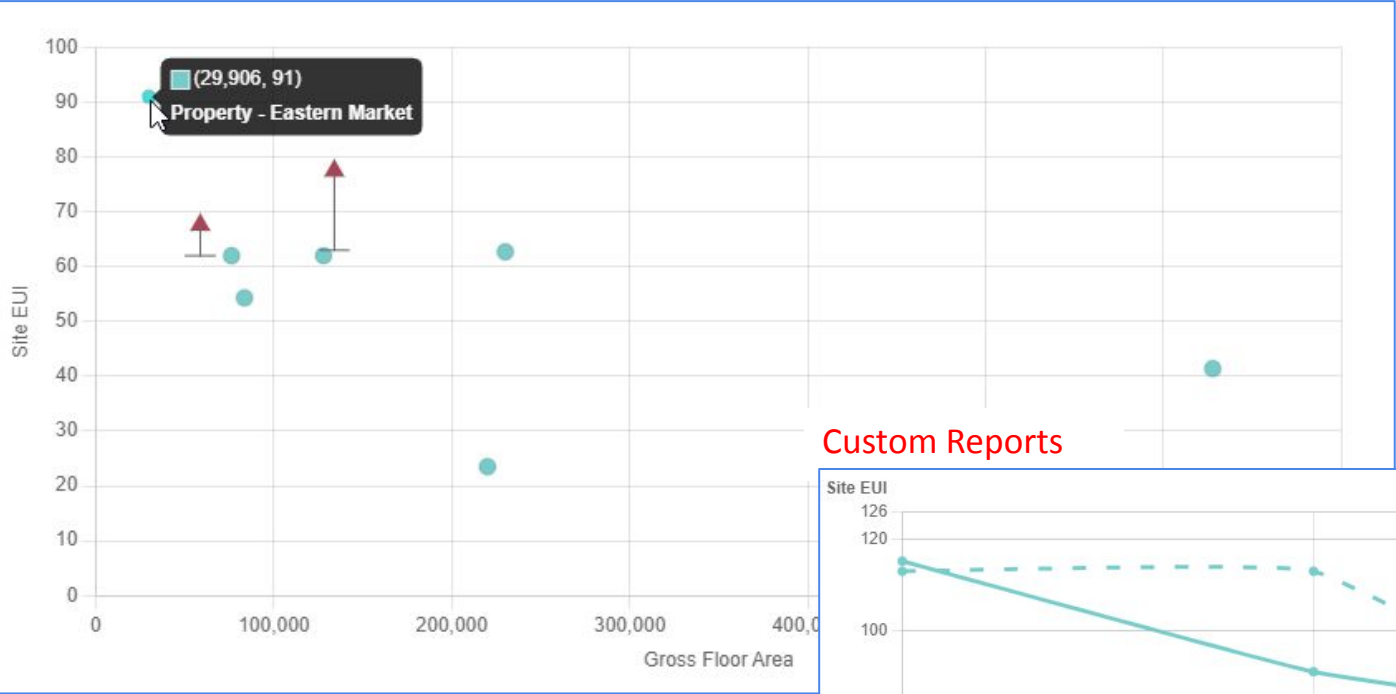


Program Overview

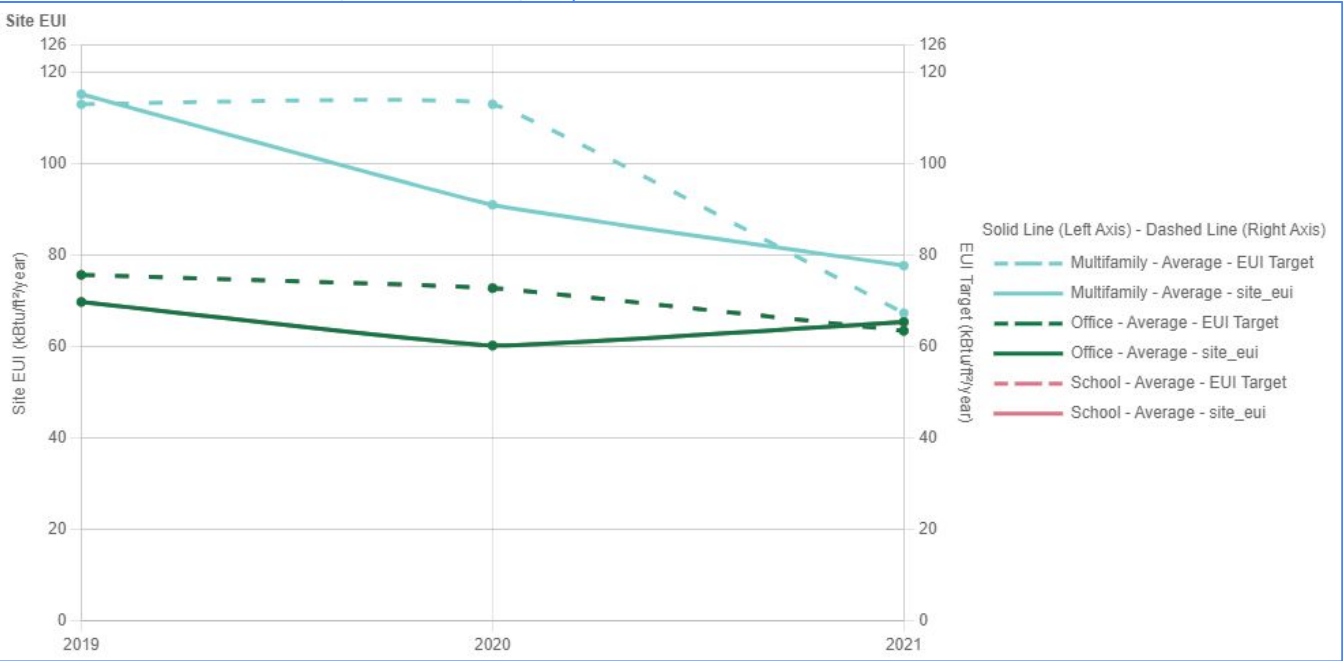
BPS Compliance - Energy only



Property Insights

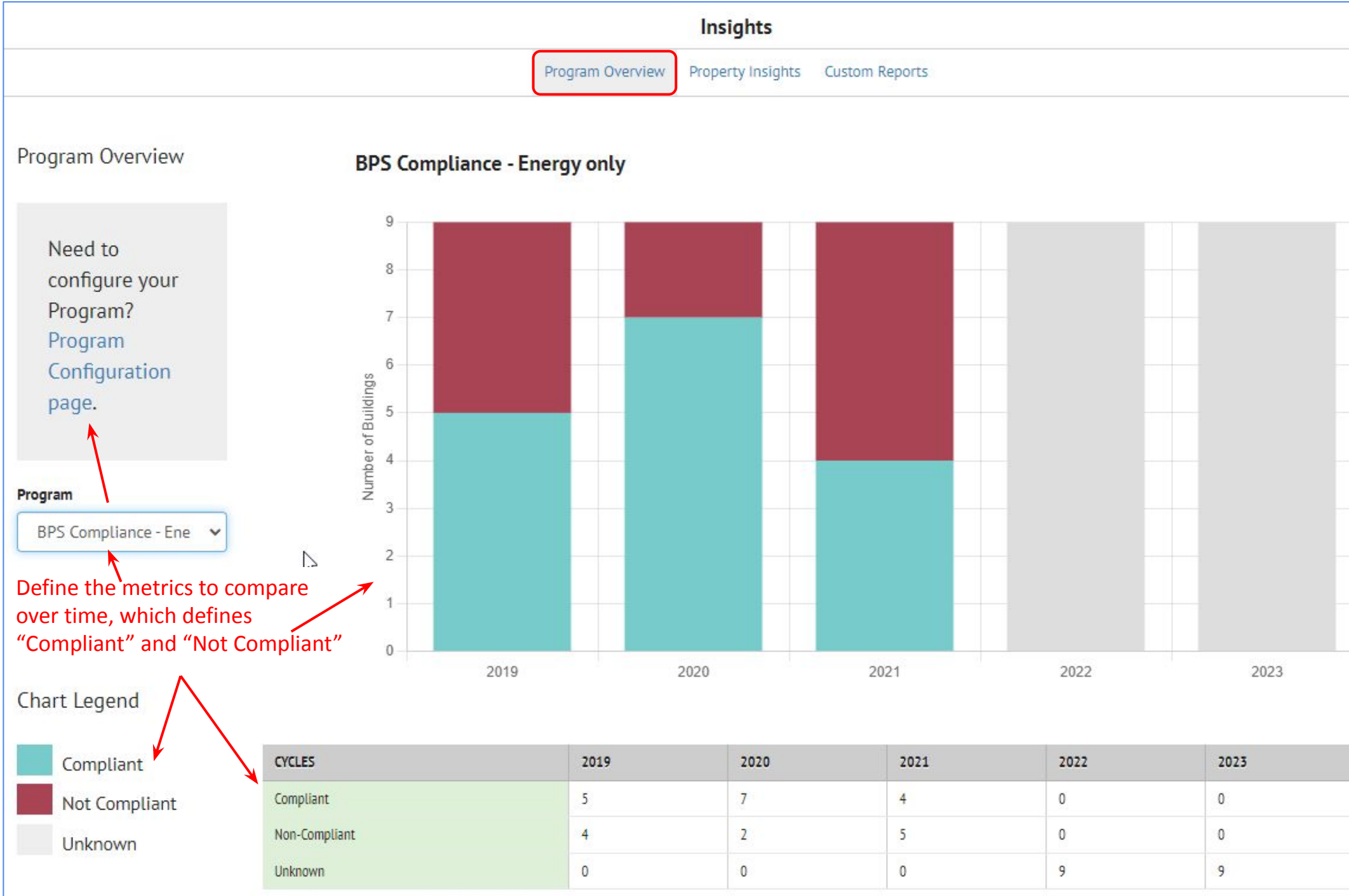


Custom Reports



INSIGHTS: Program Overview

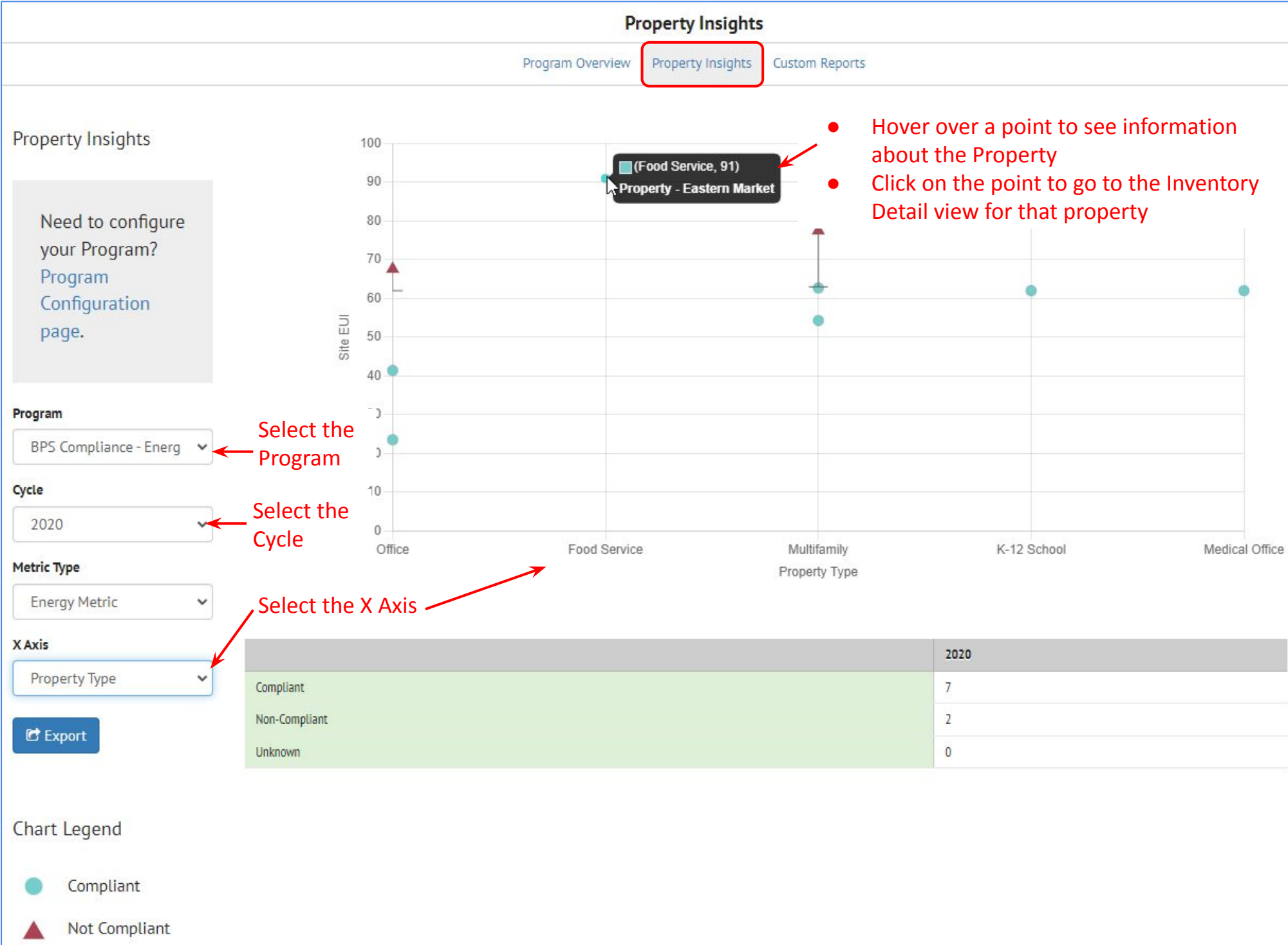
Program Overview shows portfolio compliance with a performance target over time (cycles)



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INSIGHTS: Property Insights

Property Insights show compliance for individual buildings



INSIGHTS: Custom Reports

Custom Reports shows the metric trend over time for a collection of buildings

▼ Config

CUSTOM REPORTS

Site EUI

New Custom Report

FILTER GROUPS

Multifamily

Office

School

CYCLES

2019

2020

2021

LEFT AXIS

Column

Site EUI (kBtu/ft²/year) (eui)

Average

Minimum

Maximum

Sum

Count

RIGHT AXIS

Column

EUI Target (kBtu/ft²/year) (eui)

Average

Minimum

Maximum

Sum

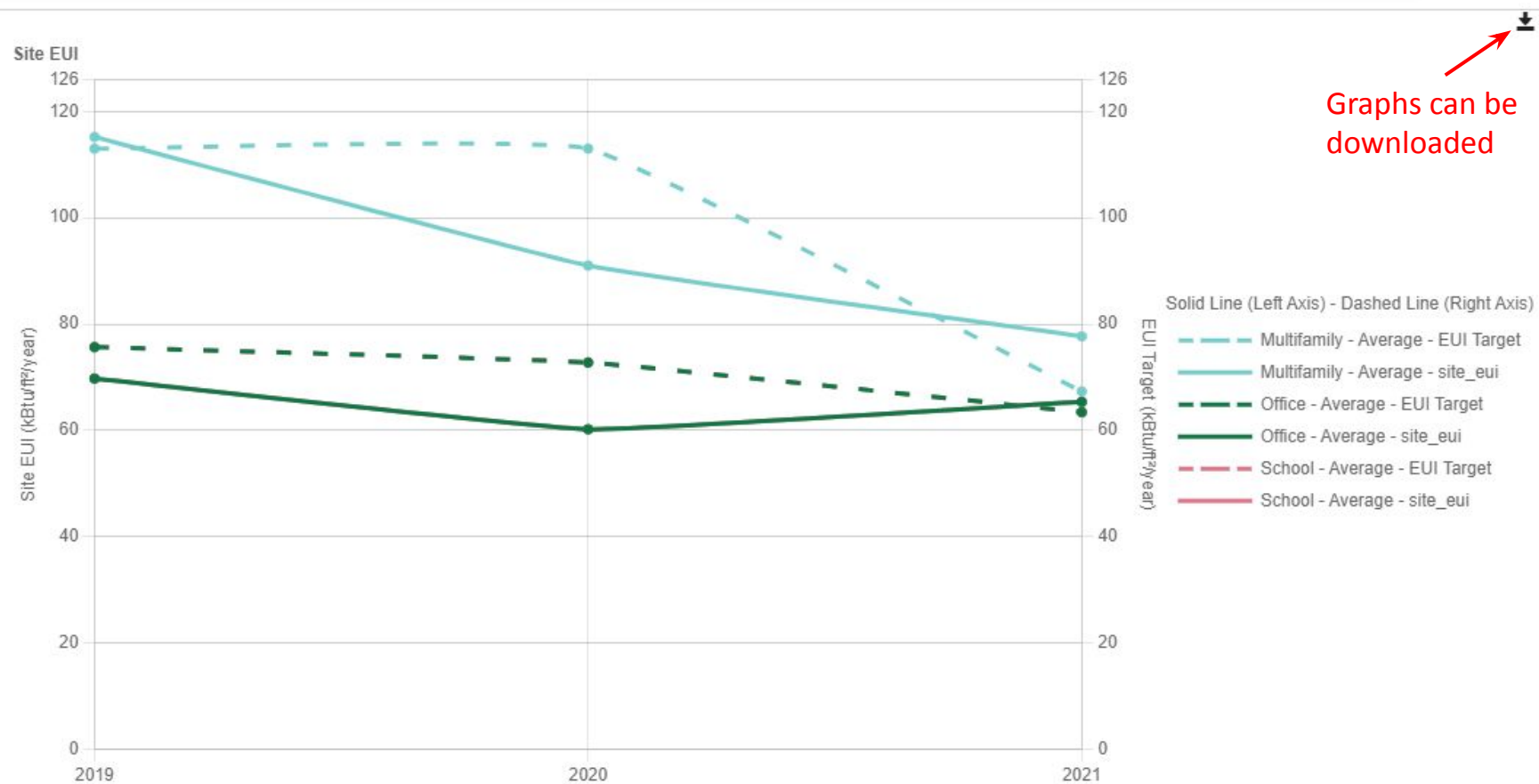
Count

ACTIONS

Delete

Edit

Select the Filter Group, Cycles and Left and Right Axis to display the trend graph



INSIGHTS: Setting up the data

Import data over time in different cycles

Cycle: 2019

- 2019
- 2020
- 2021
- 2022
- 2023

In this example there are 5 years of data in the Inventory list

Properties

Column List Profiles Reports **Cross-Cycles**

The Cross-Cycle comparison in the Property List view can be used to see the data for each cycle

View by Property		View by Tax Lot				
+	Cycle	Cycle Start	PM Property ID*	Address Line 1*	Total GHG Emissions	
-	total cycles: 5		22482007	2425 N STREET NW		
i	2019	2018-12-31	22482007	2425 N STREET NW	562.20	
i	2020	2019-12-31	22482007	2425 N STREET NW	511.40	
i	2021	2020-12-31	22482007	2425 N Street NW	553.40	
i	2022	2021-12-31	22482007	2425 N STREET NW		
i	2023	2022-12-31	22482007	2425 N STREET NW		

There is Greenhouse Gas (GHG) emission data for the first three years of data

INSIGHTS: Setting up the data

- Import metrics (ie, Site EUI or GHG emissions) for each building as well as targets for those metrics
- Define “derived fields” to calculate target “deltas” if that is useful

A derived field:

Target EUI - Site EUI

A negative value means the actual EUI is > the target EUI and therefore is non-compliant

Cycle: 2020

Actual building
Site EUI for 2020

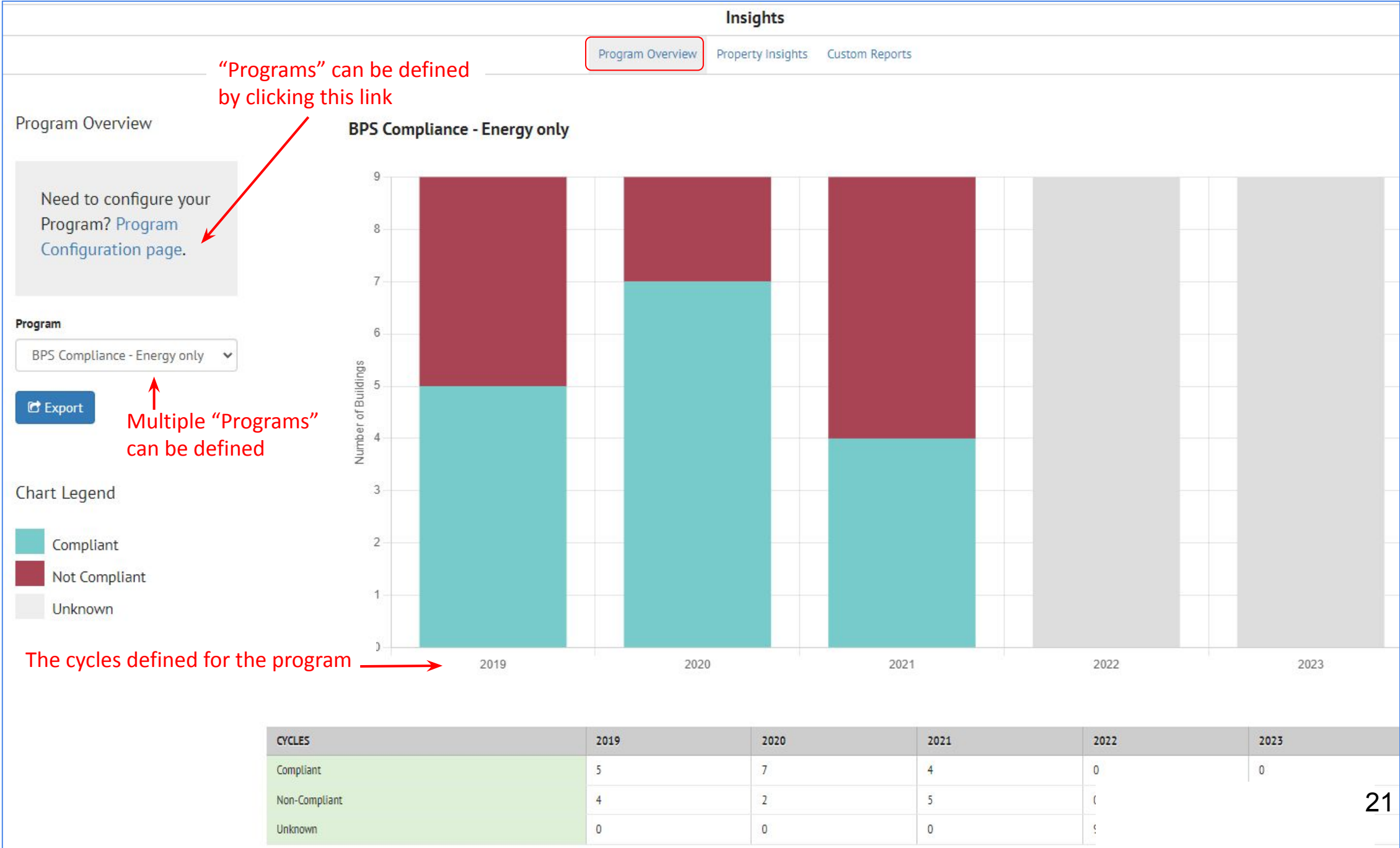
A Target Site EUI for 2021

View by Property						View by Tax Lot				
	✓		▲	▲		⦿ PM Property ID	Site EUI (kBtu/ft²/year)	EUI Target (kBtu/ft²/ye...	EUI Target Year	⚙️ Delta EUI
						<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	✓	🔗	💬 ₁	⚡	ℹ️	22178844	23.50	62.00	2021	38.5
	✓	🔗	💬 ₁	⚡	ℹ️	22178845	41.40	62.00	2021	20.6
	✓	🔗	💬 ₁	⚡	ℹ️	22178846	67.60	62.00	2021	-5.6
	✓	🔗	💬 ₂	⚡	ℹ️	22178848	77.50	63.00	2021	-14.5
	✓	🔗	💬 ₁	⚡	ℹ️	22178850	91.00	113.00	2021	22

These 2 buildings did not meet their target EUI

INSIGHTS: Program Configuration

Click on the Program Configuration link to define the criteria for these reports



“Programs” can be defined by clicking this link

Multiple “Programs” can be defined

INSIGHTS: Program Configuration

There are two different ways to get to the Program Setup page

Need to configure your Program? [Program Configuration page.](#)

BPS Test

[Data Quality](#) [Derived Columns](#) [Email Templates](#) [Labels](#) [Members](#) [Program Setup](#)

Program Configuration

PROGRAM

- New Program
- BPS Compliance - GHG Only
- BPS Compliance - Energy only
- BPS Compliance Both Metrics

New Program

No program selected
← Select a Program to get started!

Click on an existing Program to edit it

Click on the New Program button to create a new Program

INSIGHTS: Program Configuration

There are three components to define on the Program Configuration page
The next few pages will discuss each section in detail

Click on an existing Program name to Edit it

General Settings to set the compliance period and filter groups

Metric Type Settings to define "compliance"

Click on the New Program button to create a new program

Visualization Settings to define parameters for the Custom Reports

The screenshot shows the 'Program Configuration' page. On the left is a sidebar with a 'PROGRAM' list containing 'BPS Compliance - Energy only', 'New Program', 'BPS Compliance - GHG Only', 'BPS Compliance Both Metrics', and a '+ New Program' button. The main area is divided into three sections: 'GENERAL SETTINGS', 'METRIC TYPE SETTINGS', and 'VISUALIZATION SETTINGS'. 'GENERAL SETTINGS' includes 'PROGRAM DEFINITION' with fields for Name, Compliance Period (2019 to 2023), and Filter Group (Large Office). 'METRIC TYPE SETTINGS' includes 'ENERGY METRIC' and 'EMISSION METRIC' sections with dropdowns for Actual Field, Target Field, and Type. 'VISUALIZATION SETTINGS' includes 'X-AXIS FIELD OPTIONS' with a list of fields like Gross Floor Area, Postal Code, Year Built, and Property Type, each with a selection checkbox.

PROGRAM	
BPS Compliance - Energy only	x
New Program	x
BPS Compliance - GHG Only	x
BPS Compliance Both Metrics	x
+ New Program	

GENERAL SETTINGS

Configure your program metric to enable visualizations on the **program overview** page.

PROGRAM DEFINITION

Name: BPS Compliance - Energy only

Compliance Period (years): 2019 to 2023

Filter Group: Large Office

VISUALIZATION SETTINGS

Select at least one field which will serve as the x-axis for visualizations on the **property insights** page. Multiple fields can be selected.

X-AXIS FIELD OPTIONS

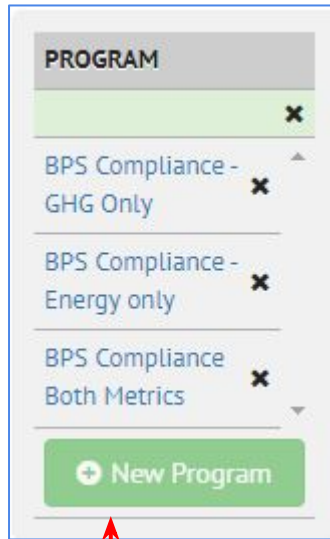
Gross Floor Area (ft ²)	x
Postal Code	x
Year Built	x
Property Type	x

METRIC TYPE SETTINGS

The overall metric can be made up of an energy metric, an emission metric, or both. At least one type of metric is required and if two are defined, then both metrics must be met for compliance.

ENERGY METRIC		EMISSION METRIC	
Actual Field	Site EUI (kBtu/ft ² /year)	Actual Field	
Target Field	EUI Target (kBtu/ft ² /year)	Target Field	
Type	Target > Actual for Compliance	Type	

INSIGHTS: Program Configuration: General Settings



Step 1: Click on the New Program button to create a new program

Step 2: all the fields will be blank

A screenshot of the 'GENERAL SETTINGS' form. It has a light blue header with the text 'Configure your program metric to enable visualizations on the [program overview](#) page.' Below this is a section titled 'PROGRAM DEFINITION' with three fields: 'Name' (a text input), 'Compliance Period (years)' (a range input with 'to' in between), and 'Filter Group' (a dropdown menu). All fields are currently blank.

Step 3: Fill in the values for

- Name
- Compliance Period
The cycles to include in this Program
- Filter Group
These are defined in the Inventory List

A screenshot of the 'GENERAL SETTINGS' form with the fields filled out. The 'Name' field contains '2024 Compliance'. The 'Compliance Period (years)' field shows '2019' to '2023'. The 'Filter Group' dropdown is open, showing a list of options: 'Large Office', 'MF Big Building', 'Multifamily', 'Office', 'School', and 'Super small sample'. A red arrow points from the 'Filter Group' text in the list to the dropdown menu.

INSIGHTS: Program Configuration: Metric Type Settings

It is possible to define just an Energy Metric, just an Emission Metric, or both
You have to define at least one in order to save the settings

METRIC TYPE SETTINGS

The overall metric can be made up of an energy metric, an emission metric, or both. At least one type of metric is required and if two are defined, then both metrics must be met for compliance.

ENERGY METRIC	EMISSION METRIC
Actual Field <input type="text"/>	Actual Field <input type="text"/>
Target Field <input type="text"/>	Target Field <input type="text"/>
Type <input type="text"/>	Type <input type="text"/>

Define the fields

The pulldown list will show all the fields for the property

ENERGY METRIC

Actual Field

Target Field

Type

A completed

At least one

The Type pulldown list defines Compliance, i.e., how the Target and the Actual values are compared.

Type

A con

Save your changes

INSIGHTS: Program Configuration: Visualization Settings

The Visualization Settings are relevant for the Property Insights view

Property Insights

Need to configure your Program? [Program Configuration page.](#)

Program

BPS Compliance

Cycle

2021

Metric Type

Energy Metric

X Axis

Gross Floor Area

Gross Floor Area

Postal Code

Year Built

Property Type

Field	Gross Floor Area (ft²)	Site EUI
Address Line 1	~10,000	~105
Address Line 2	~30,000	~100
Associated Tax Lot ID	~40,000	~60
Audit Template Building ID	~50,000	~55
Building Certification	~60,000	~50
Building Count	~70,000	~45
Buildings and Parking Floor Area (ft²)	~80,000	~55
Buildings Floor Area (ft²)	~80,000	~45
City	~30,000	~25
Conditioned Floor Area (ft²)	~40,000	~50

VISUALIZATION SETTINGS

Select at least one field which will serve as the x-axis for visualizations on the **property insights** page. Multiple fields can be selected.

X-AXIS FIELD OPTIONS

- Address Line 1
- Address Line 2
- Associated Tax Lot ID
- Audit Template Building ID
- Building Certification
- Building Count
- Buildings and Parking Floor Area (ft²)
- Buildings Floor Area (ft²)
- City
- Conditioned Floor Area (ft²)

VISUALIZATION SETTINGS

Select at least one field which will serve as the x-axis for visualizations on the **property insights** page. Multiple fields can be selected.

X-AXIS FIELD OPTIONS

Gross Floor Area (ft²)	x
Postal Code	x
Year Built	x
Property Type	x

Define the X-Axis Field Options from the list of all fields.

Define as many fields as needed

The selected fields will be displayed in the pulldown menu in Property Insights

INSIGHTS: Custom Report Setup

The Visualization Settings are relevant for the Property Insights view

Custom Reports

Program Overview Property Insights **Custom Reports**

1 - Click the New Custom Report button and a "New Custom Report" is created

2 - Select the appropriate filter groups -- filter groups must be defined

3 - Select the appropriate cycles

4 - Select the field for the Left X Axis

5 - Select the field for the Right X Axis

6 - Select the Aggregation type for each axis; more than one can be selected

7 - Name the report

8 - Save the changes

CUSTOM REPORTS

- New Custom Report x
- EUI Comparison x
- + New Custom Report**

FILTER GROUPS

- ☐ All Properties
- ☐ Multifamily
- ☐ Office
- ↑ Select one or more filter groups to load your inventory.

CYCLES

- ☐ 2019 Compliance Year
- ☐ 2020 Compliance Year
- ☐ 2021 Compliance Year
- ☐ 2022 Compliance Year
- ☐ 2023 Compliance Year
- ↑ Select one or more cycles to populate the horizontal axis.

LEFT AXIS

Column: Total Marginal GHG Em

Average

Minimum

Maximum

Sum

Count

↑ Select one or more aggregation methods to show data on this axis.

RIGHT AXIS

Column: GHGI Target (kg/ft²)

Average

Minimum

Maximum

Sum

Count

↑ Select one or more aggregation methods to show data on this axis.

ACTIONS

Name: GHG Comparison

Cancel Save Changes

INSIGHTS: Custom Report

CUSTOM REPORTS

GHG Comparison ×

EUI Comparison ×

+ New Custom Report

FILTER GROUPS

Multifamily ▲

Office ▼

CYCLES

2019 Compliance Year ▲

2020 Compliance Year

2021 Compliance Year ▼

LEFT AXIS

Column Total Marginal GHG Emissions Inter ▼

Average

Minimum

Maximum

Sum

Count

RIGHT AXIS

Column GHGI Target (kg/ft²/year) (ghg ▼

Average

Minimum

Maximum

Sum

Count

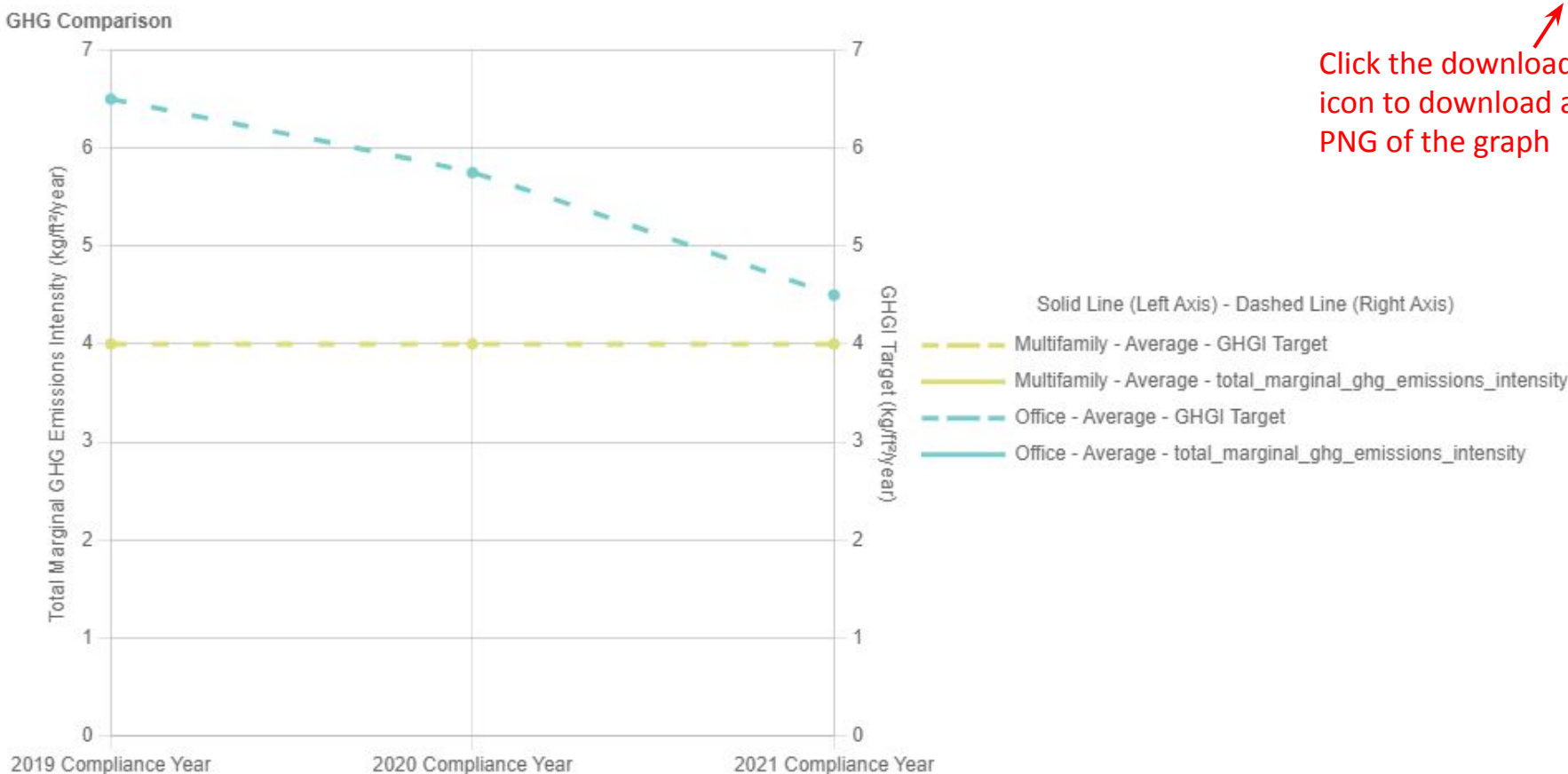
ACTIONS

Delete

Edit

To change the parameters, click Edit

The resulting graph



Click the download icon to download a PNG of the graph

CONTACT

Support links have been updated

Contact

For SEED Platform™ Users:

Please visit our website for information, tutorials, and documentation to help you learn how to use SEED.

<https://seed-platform.org>

The SEED Users Forum is where you can review user announcements, workflow questions, and join to connect with other users.

<https://lists.buildingenergytools.org/g/SEEDusers/topics>

For direct help on a specific problem, please fill out a request on the building data tools website help desk:

<https://buildingdata.energy.gov/#/help-desk>

For SEED Platform™ Developers:

The open-source code is available on the GitHub organization of seed-platform and contains various repositories for the different components of the platform such as the main SEED application, a Python client to communicate to SEED's API and various example datasets.

<https://github.com/seed-platform>

The SEED Developers Forum contains various topics and joining enables you to connect with other developers. It is recommended to join this forum to submit developer questions, feature requests, and report issues as needed. Also, submitting issues on GitHub is encouraged.

<https://lists.buildingenergytools.org/g/SEEDdevelopers/topics>