Standard Energy Efficiency Data Platform™

SEED STANDARD ENERGY EFFICIENCY DATA PLATFORM™
U.S. DEPARTMENT OF ENERGY

U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy

SEED PLATFORM™ 2.18.0 Release Notes

April 2023

Overview: New Features

INVENTORY

- **List View**
  - **Salesforce:** It is possible to run Salesforce on a group of properties
  - **Export GeoJSON:** Meter data has been added to the GeoJSON file
- **Detail View**
  - **Salesforce:** It is possible to run Salesforce on individual properties

    (See details starting on page 4)
  - **Timeline:** This feature allows viewing actions, such as importing Audit Template records, over time

    (See details starting on page 5)

INSIGHTS

- **Property Insights:** It is now possible to add labels to the currently visible properties in the graph

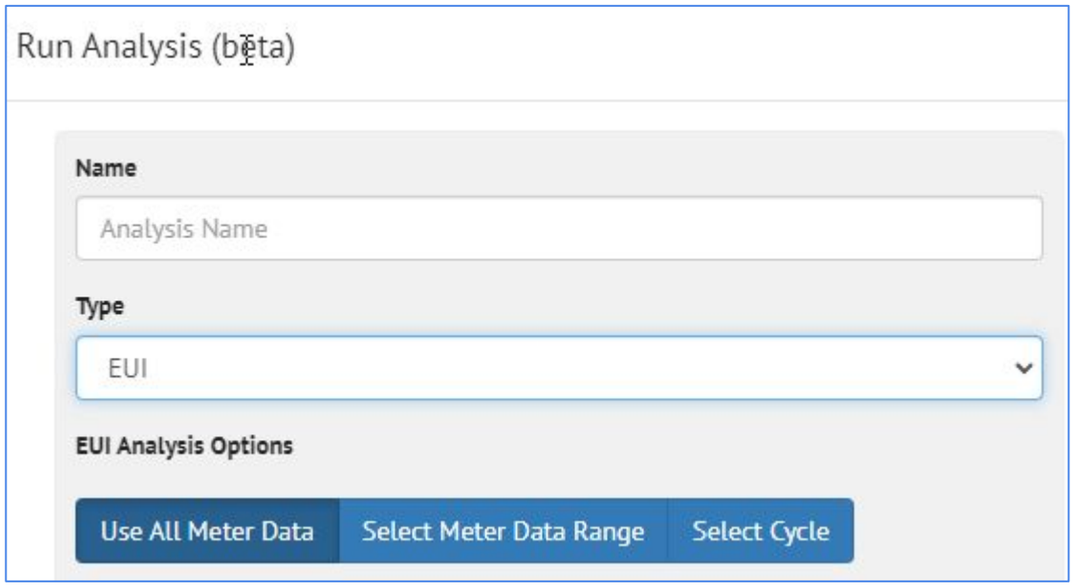
ORGANIZATION

- **Settings**
  - **Salesforce integration**
    - Salesforce can now be configured directly in SEED *(See details starting on page 14)*

Overview: Updates

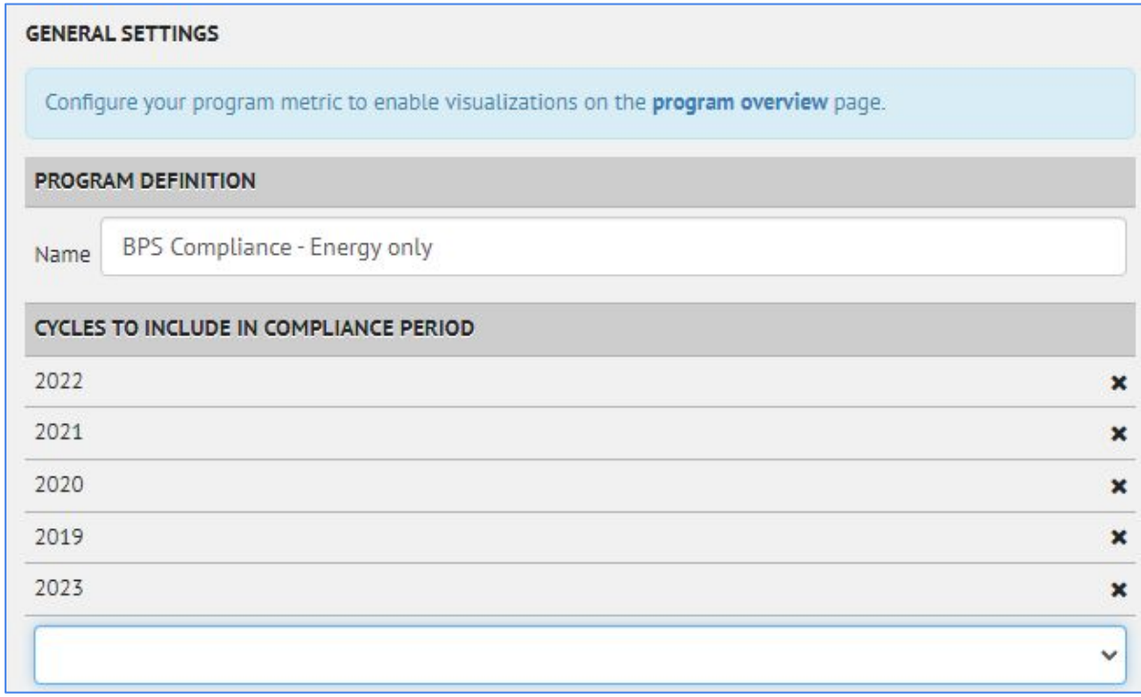
INVENTORY

- **Analysis: EUI:** Select a cycle or date range for the analysis



INSIGHTS

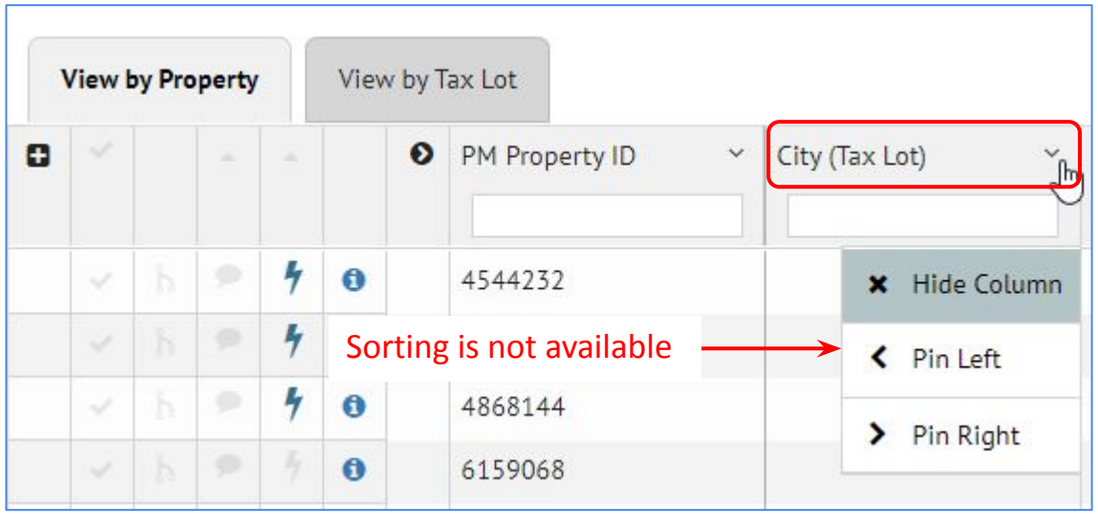
- **Program setup:** Select Cycles instead of Start/End dates



Overview: Known Issues

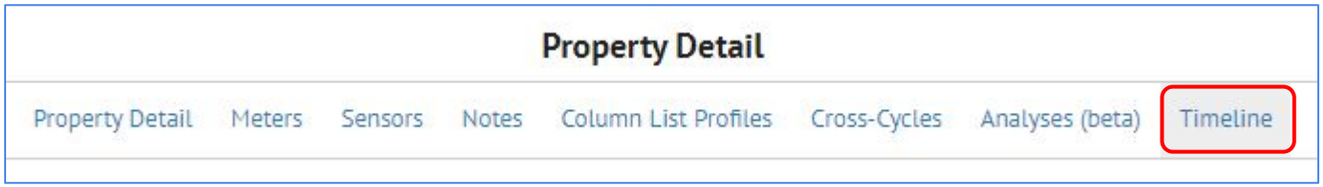
INVENTORY

- **List View**
  - Sorting: In the Property tab, it is now possible to sort on Tax Lot fields; and vice versa



INVENTORY: Detail View: Timeline

A new feature has been added called Timeline, to show important "events" that happen on a property



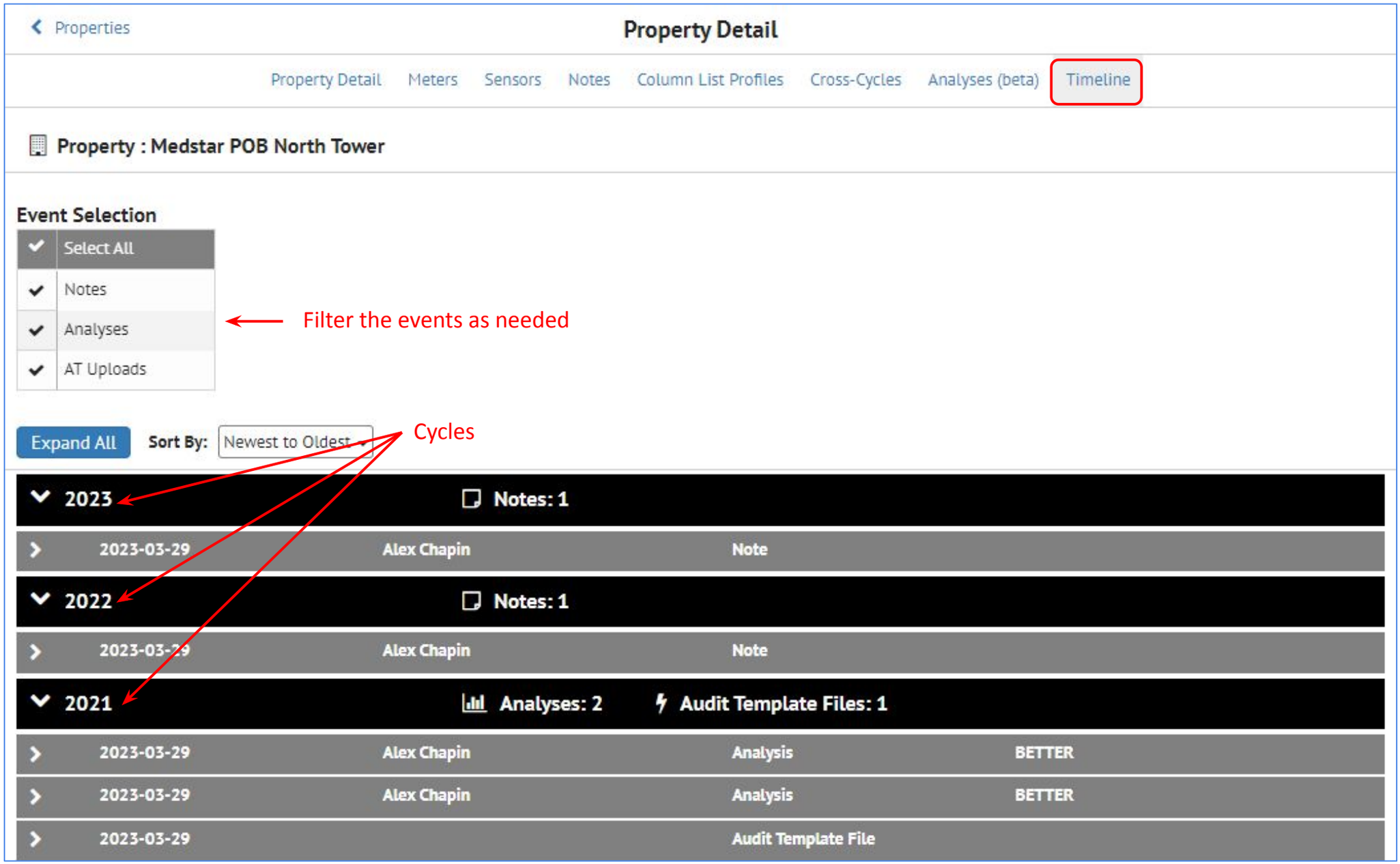
There is a row in the Timeline for every event

Events added to the Timeline are

- New Notes (added manually)
- New Analyses
- New Audit Template or BuildingSync file upload

INVENTORY: Detail View: Timeline

Clicking the Timeline link for a property will show all the actions across cycles



INVENTORY: Detail View: Timeline

Clicking the Timeline link for a property will show all the actions across cycles

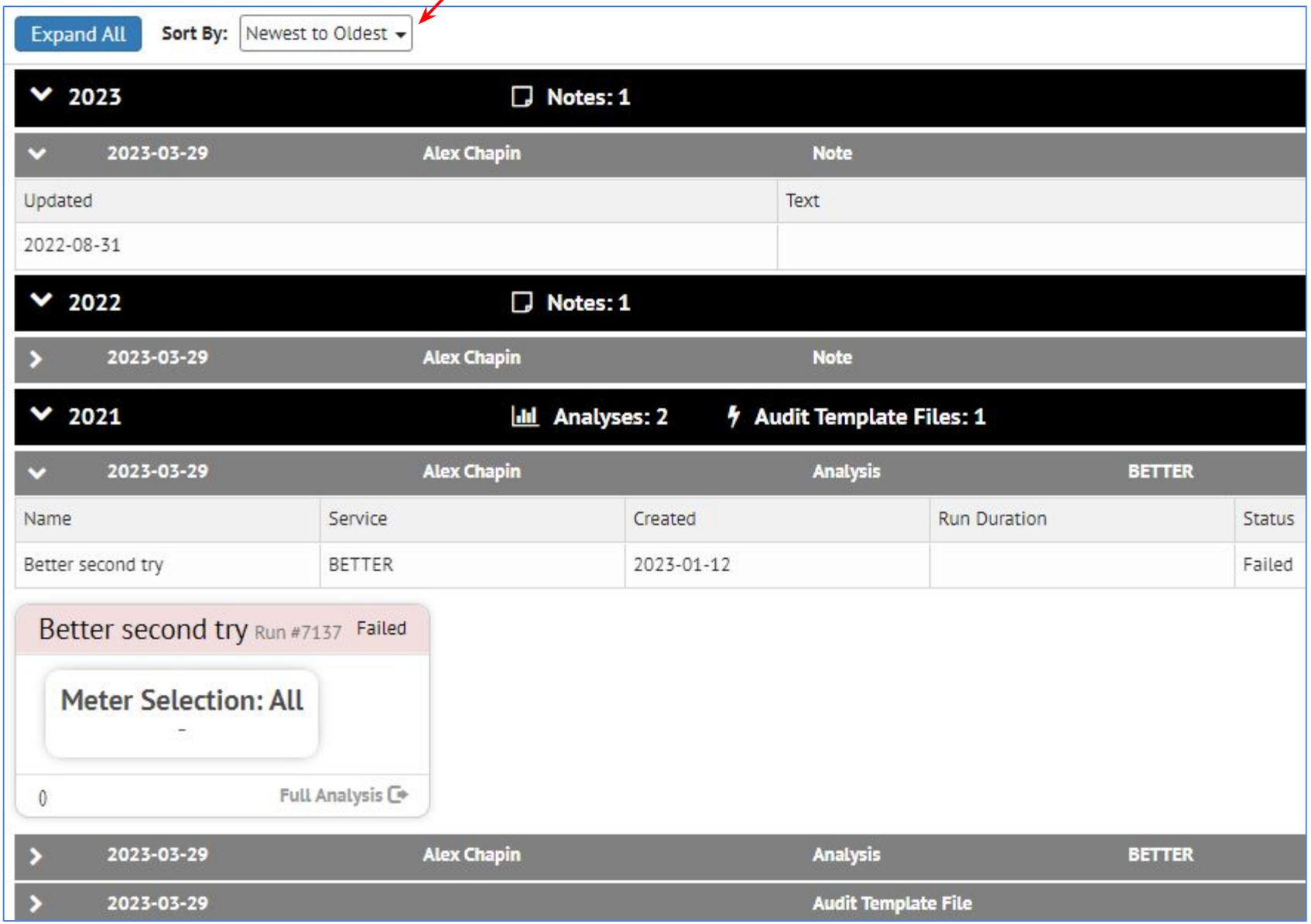
Sort options

Click this button to expand all the events at once

Details for Note events

Expand an event to see the details

Results for a BETTER analysis



INVENTORY: Detail View: Timeline

Audit Template event

Expanding the Audit Template upload show the scenarios from the file

2023-03-29	Audit Template File			
Scenarios	Electricity savings (kBtu)	Peak electricity reduction (kW)	Natural gas savings (kBtu)	Status of Measures
Audit Template Energy Meter Readings - Natural gas	N/A	N/A	N/A	
Audit Template Energy Meter Readings - Electricity	N/A	N/A	N/A	
Install timer on exhaust fans	14,704	0	1,874	1 Proposed
Hydronic Pump VFD Upgrade	177,384	3	0	3 Proposed
Low-flow water fixtures	0	0	53	1 Proposed
Air Sealing	0	0	15,066	2 Proposed
Garage fan CO sensor	13,615	0	3,410	1 Proposed
Optimize heating and cooling	0	0	33,214	2 Proposed

INVENTORY: Detail View: Timeline

Audit Template event

Expand the Scenarios to see the individual measures

2021 | Analyses: 2 | Audit Template Files: 1

2023-03-29	Alex Chapin	Analysis	BETTER
2023-03-29	Alex Chapin	Analysis	BETTER
2023-03-29		Audit Template File	

Scenarios	Electricity savings (kBtu)	Peak electricity reduction (kW)	Natural gas savings (kBtu)	Status of Measures
Audit Template Energy Meter Readings - Natural gas	N/A	N/A	N/A	
Audit Template Energy Meter Readings - Electricity	N/A	N/A	N/A	
Install timer on exhaust fans	14,704	0	1,874	1 Proposed

MEASURES

Category	Name	Recommend...	Status	Category Aff...	Cost Installat...	Cost Material...	Cost Residua...	Cost Total Fir...	Cost Capital ...	Description ...	Useful Life
Building Aut...	Add or upgra...	true	Proposed	Fan				400			15

Scenarios	Electricity savings (kBtu)	Peak electricity reduction (kW)	Natural gas savings (kBtu)	Status of Measures
Hydronic Pump VFD Upgrade	177,384	3	0	3 Proposed

MEASURES

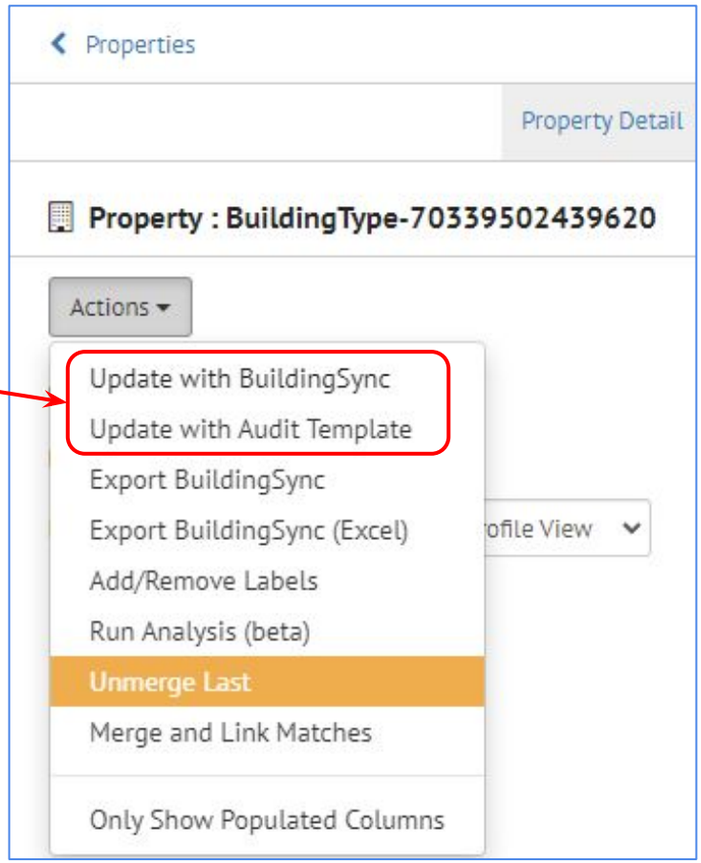
Category	Name	Recommend...	Status	Category Aff...	Cost Installat...	Cost Material...	Cost Residua...	Cost Total Fir...	Cost Capital ...	Description ...	Useful Life
Electric Moto...	Add VSD mot...	true	Proposed	Motor				20746			15
Electric Moto...	Add VSD mot...	true	Proposed	Motor				37992			15
Electric Moto...	Add VSD mot...	true	Proposed	Motor				17246			15

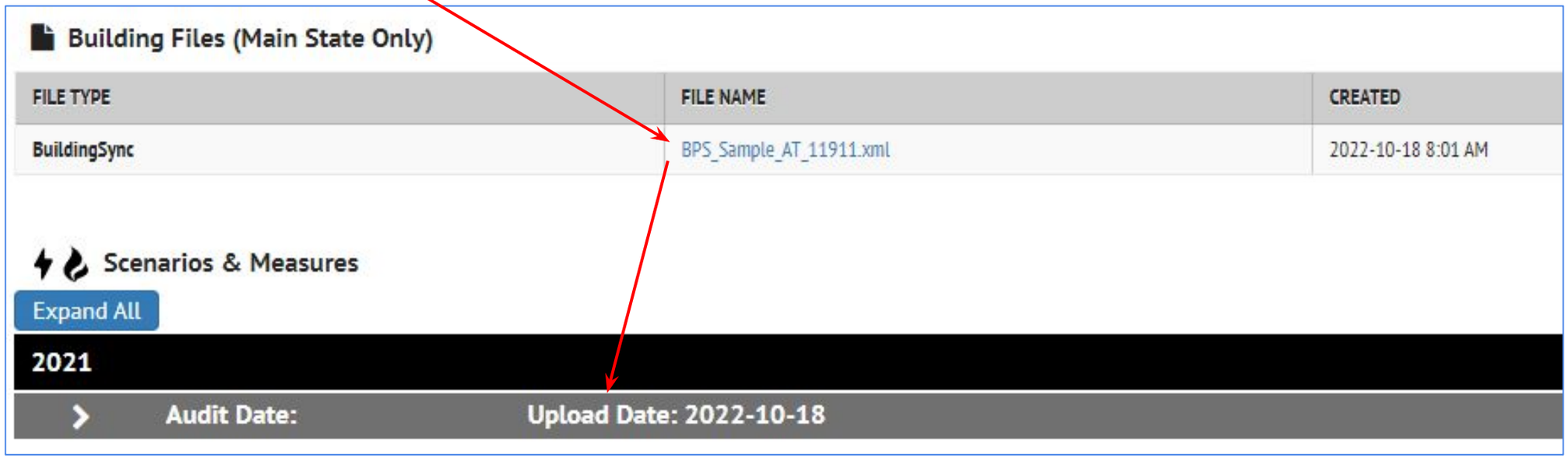
INVENTORY: Property Detail View: Audit Template Files

In the Property Detail View:
Audit Template and BuildingSync files can be imported

Import either Audit Template files or BuildingSync files

The Scenarios and Measures from the imported file will be displayed at the bottom of the Property Detail page





INVENTORY: Detail View: Audit Template Files

Property Detail View: it is possible to delete scenarios from imported Audit Template files

Building Files (Main State Only)

FILE TYPE	FILE NAME	CREATED
BuildingSync	BPS_Sample_AT_11911.xml	2022-10-18 8:01 AM

Expand the Audit record to see the Scenarios

Scenarios & Measures

Expand All

Expand the Scenarios to see the measures

2021

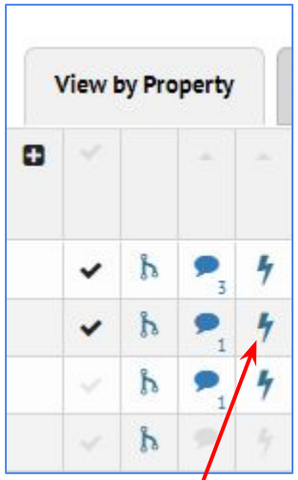
Audit Date: Upload Date: 2022-10-18

ACTIONS	SCENARIOS	ELECTRICITY SAVINGS (KBTU)	PEAK ELECTRICITY REDUCTION (KW)	NATURAL GAS SAVINGS (KBTU)	STATUS OF MEASURES
×	Install timer on exhaust fans	14,704	0	1,874	1 Proposed
×	Hydronic Pump VFD Upgrade	177,384	3	0	3 Proposed
×	Low-flow water fixtures	0	0	53	1 Proposed
×	Air Sealing	0	0	15,066	2 Proposed
×	Garage fan CO sensor	13,615	0	3,410	1 Proposed
×	Optimize heating and cooling	0	0	33,214	2 Proposed

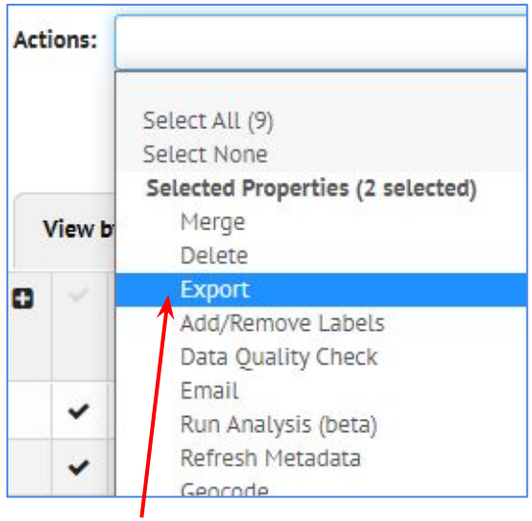
Delete unneeded scenarios if desired

INVENTORY: List View: Export GeoJSON with Meter Data

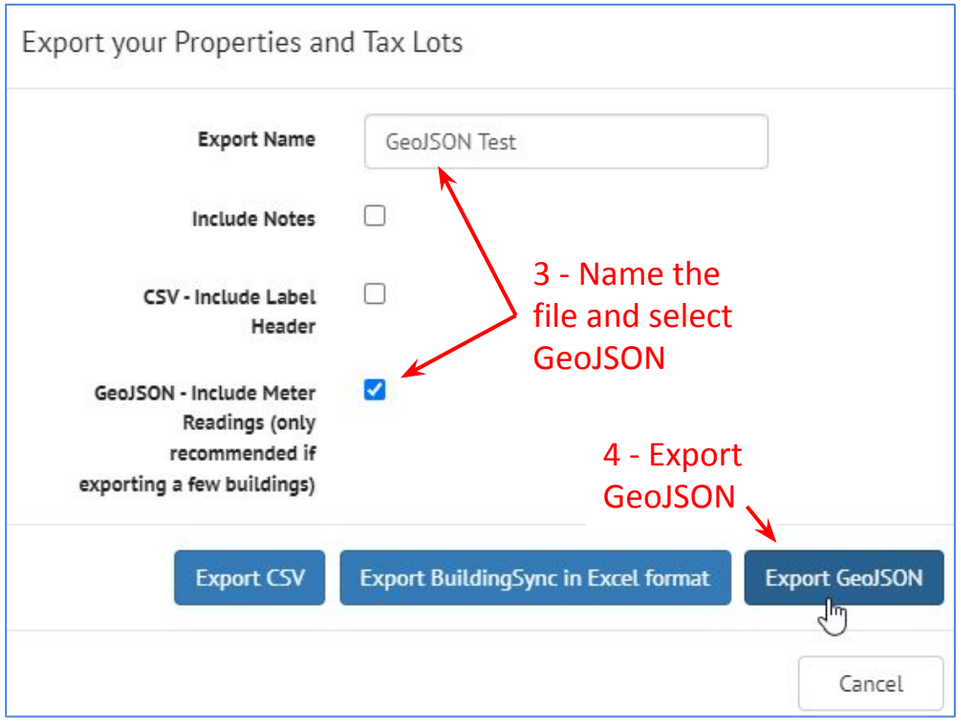
Property List View: it is possible to export meter data with a GeoJSON file



1 - Select properties with meter data



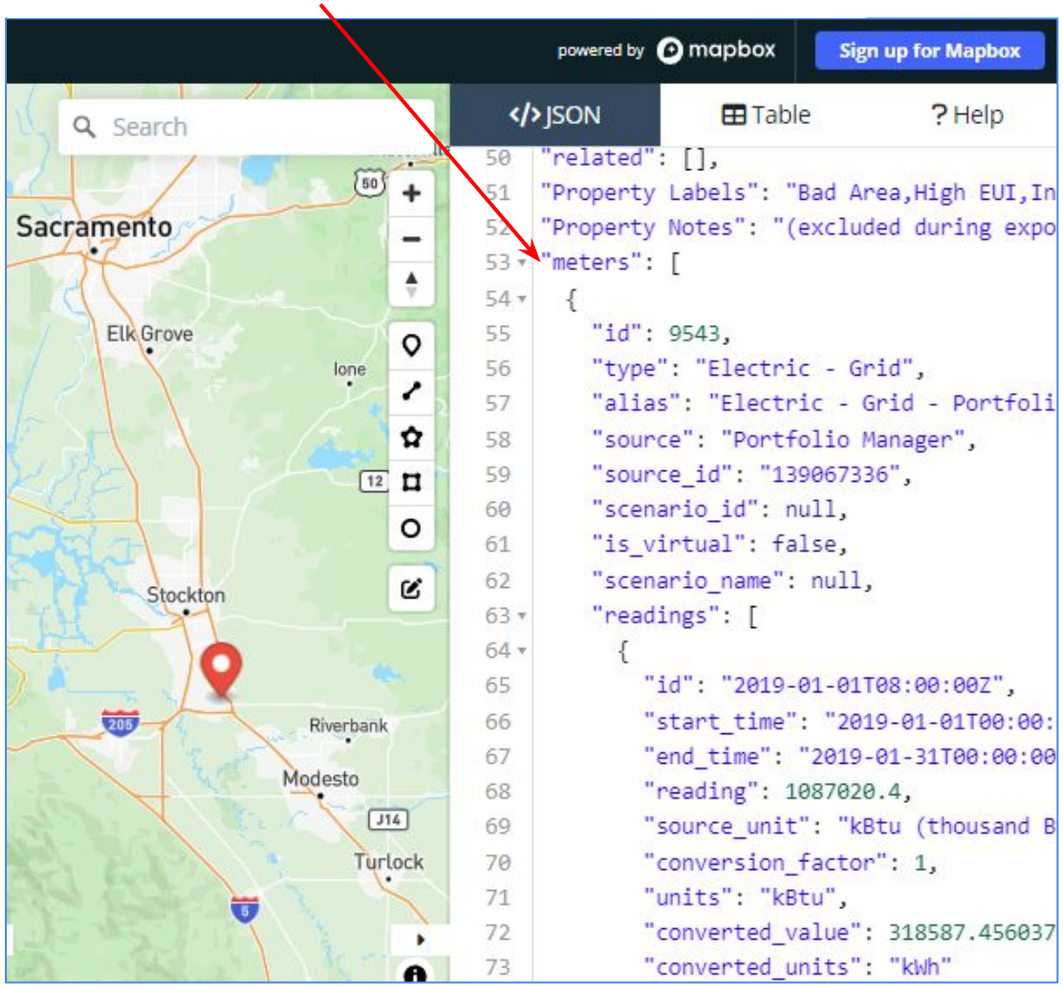
2 - Select Actions: Export



3 - Name the file and select GeoJSON

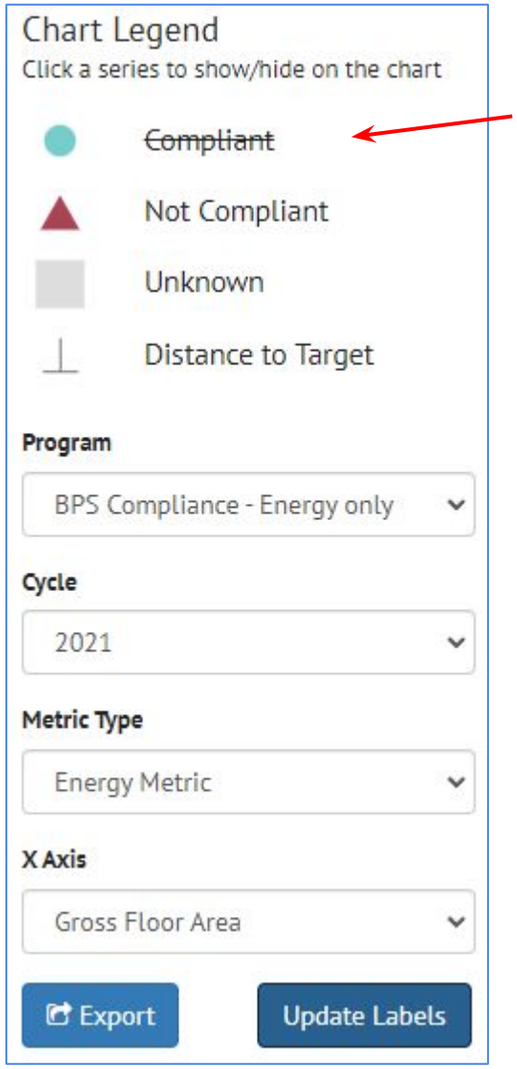
4 - Export GeoJSON

5 - GeoJSON file contains meter data

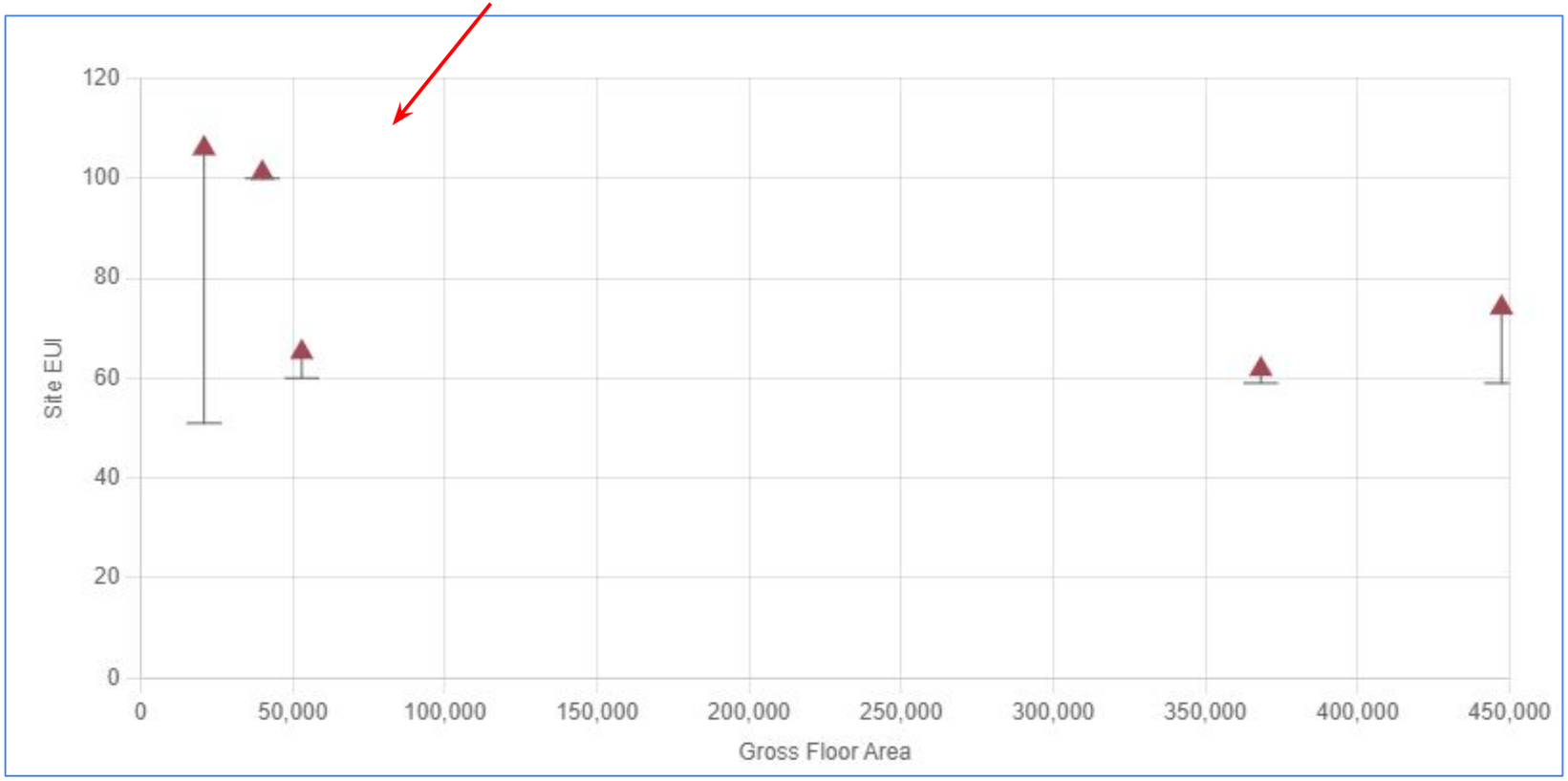


INSIGHTS: Property Insights: Add Labels

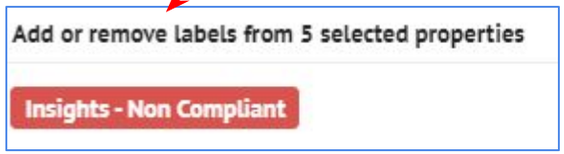
Property Insights Graph: Add labels to all the properties displayed in the plot



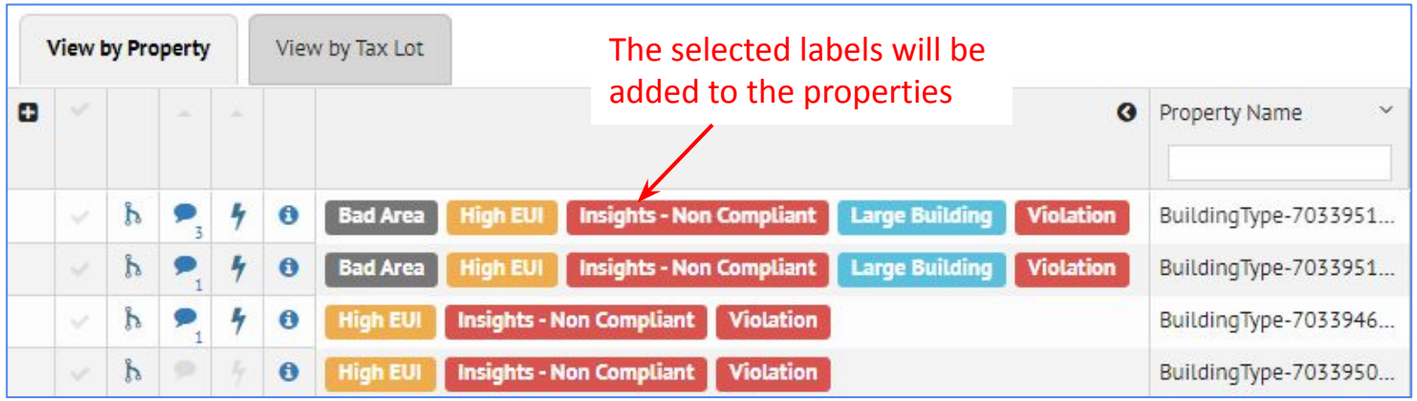
Filter the properties displayed in the plot as needed
In this case, only the "Not Compliant" properties are displayed



Click Update Labels, and the Add/Remove labels dialog box will appear

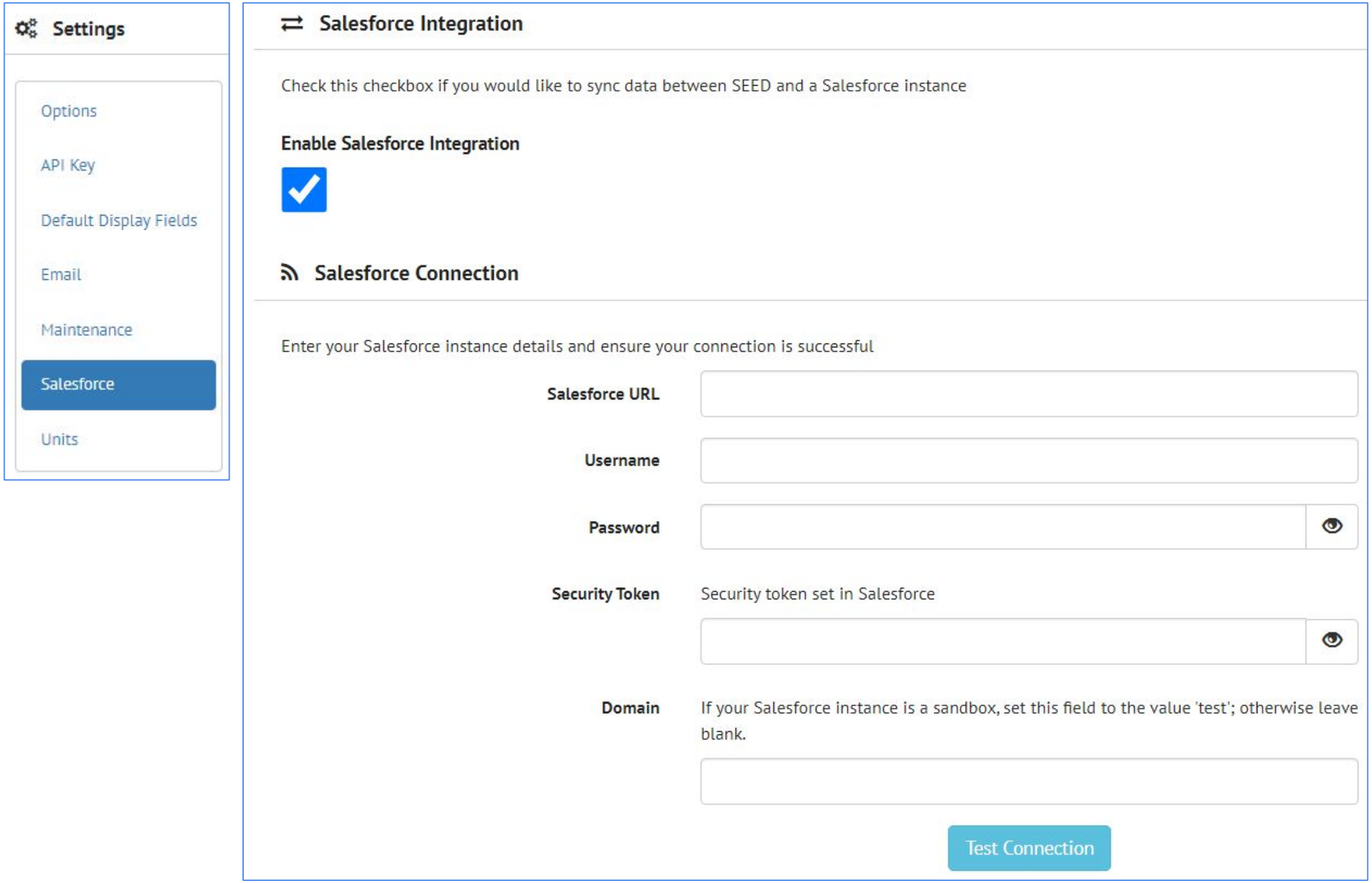


The selected labels will be added to the properties



ORGANIZATIONS: Settings: Salesforce

Salesforce: Configure from within SEED



ORGANIZATIONS: Settings: Salesforce

Salesforce: Configure from within SEED

Scheduled Daily Update

If you would like to automatically update Salesforce on a daily basis, configure the fields below

Hour Enter the hour when the update should be run daily (0-23) Timezone: America/Los_Angeles

Minute Enter the minute after the hour when the update should be run daily (0-59)

Logging Email Enter the e-mail address to use when reporting errors during the Salesforce updating process

Last Salesforce Update

Reset

Sync Salesforce

ORGANIZATIONS: Settings: Salesforce

Salesforce: Configure from within SEED

Configuration

Configure a few parameters needed for data transfer to Salesforce

Indication Label
Label used to designate that a SEED property should be updated in Salesforce. Example: 'Add to Salesforce'

Violation Label
Label used to designate that a SEED property has a violation. Example: 'Violation - Insufficient Data'

Compliance Label
Label used to designate that a SEED property is in compliance. Example: 'Complied'

Salesforce Unique Benchmark ID Fieldname
Fieldname of the Salesforce field that is used to uniquely identify Benchmark records. Example: 'Salesforce_Benchmark_ID__c'

SEED Unique Benchmark ID Column
Fieldname of the SEED field that is used to uniquely identify Benchmark records. Example: 'Salesforce Benchmark ID'

Cycle Name Benchmark Field
If your Salesforce Benchmark Record stores cycle name, please enter the name of the salesforce field here, ex: Cycle__c

Status Label Benchmark Field
If your Salesforce Benchmark Record stores a Status Label value (ex: violation or compliant), please enter the name of the salesforce field here, ex: Status__c

All Labels Benchmark Field
If your Salesforce Benchmark Record stores a string of all SEED labels applied, please enter the name of the Salesforce field here, ex: SEED_Labels__c

ORGANIZATIONS: Settings: Salesforce

Salesforce: Configure from within SEED

Contacts and Accounts

Configure the contact information used for benchmark status notifications in Salesforce. When configured, this functionality will create or update contact records in Salesforce and link them to the Benchmark object

Salesforce Account Object Record Type
If your Salesforce instance has multiple account types, provide the Record Type ID of the type of account to use when accounts are automatically created from SEED

Salesforce Contact Object Record Type
If your Salesforce instance has multiple contact types, provide the Record Type ID of the type to use when contacts are automatically created from SEED

Account Name
Select the SEED field that holds the account name for the contact record. Ex: 'Organization'

Contact Name Column
Select the SEED field that holds the contact name for the benchmark record. Ex: 'On Behalf Of'

Contact Email Column
Select the SEED field that holds the contact email for the benchmark record. Ex: 'Email'

Contact Benchmark Field
If your Salesforce Benchmark Record stores a Salesforce Contact relation, provide the Salesforce field name here, ex: Contact_Name__c

ORGANIZATIONS: Settings: Salesforce

Salesforce: Configure from within SEED

Salesforce Field Mappings

Map your Salesforce Benchmark Object's fields to columns in SEED. Use the Object Manager in Salesforce to retrieve the field names (not the field labels), ex: Cycle__c (not Cycle). These fields will only be sent to Salesforce when a property has the compliant label applied.

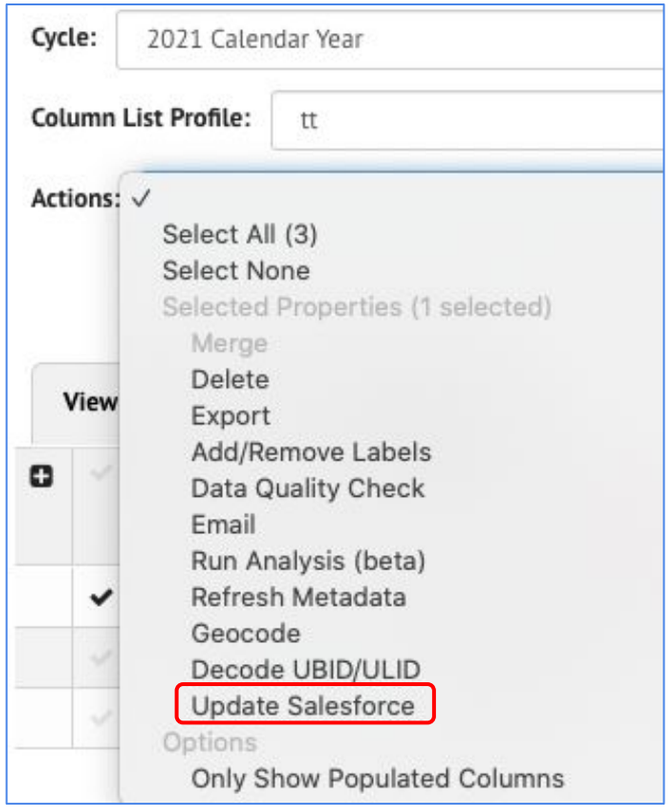
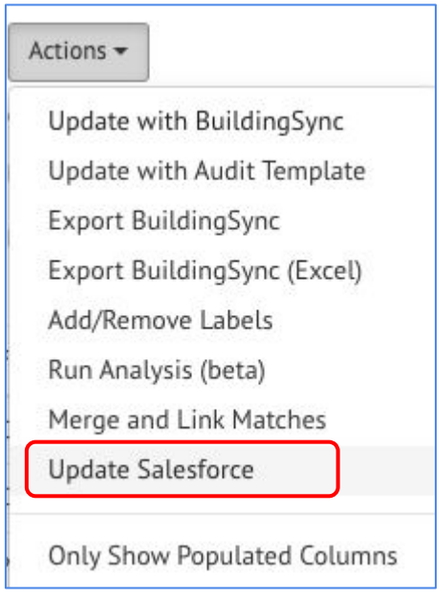
Salesforce Field Name	SEED Field Name	
ENERGY_STAR_Score__c	ENERGY STAR Score	✖
Portfolio_Manager_Property_ID__c	PM Property ID	✖
Site_EUI_kBTU_ft2__c	Site EUI (kBtu/ft²/year)	✖
Total_GHG_Emissiosn_Metric_tons_CO2e__c	Total GHG Emissions (t/year)	✖

Add Mapping

Save Changes

INVENTORY: Salesforce

Property List View: a group of properties can be selected and updated manually



Property Detail: individual properties can be updated manually