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™ 2.20.1 Release Notes

October 2023

Overview: New Features

DATA

- Added ability to “batch import” properties from Audit Template

ANALYSES

- EEEJ -- Energy Equity and Environmental Justice

The full release history can be found on the SEED Github Repository

https://github.com/SEED-platform/seed/releases/tag/v2.20.0

https://github.com/SEED-platform/seed/releases/tag/v2.20.1 **(patch release)**

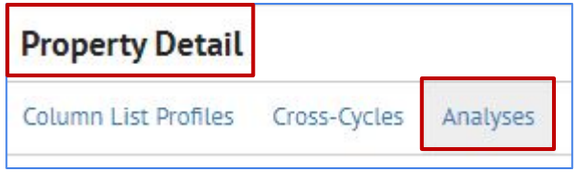
Overview: Updates

DATA

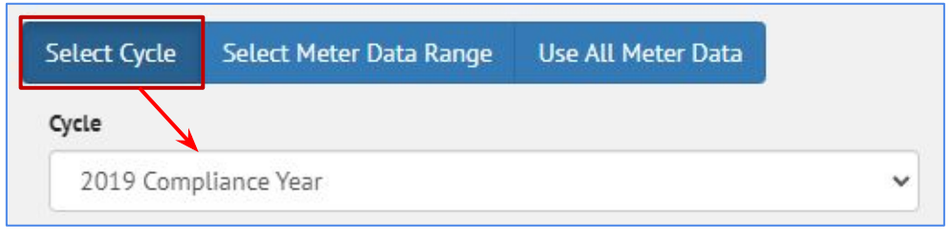
- **A change was made to that now** ***it is not possible to delete matching field criteria after importing data, so the matching fields must be set in Column Settings before importing data***
  - **New matching fields can be ADDED, but existing matching fields can not be DELETED.**
- ***Address line 1*** **is no longer a default matching field**

ANALYSES

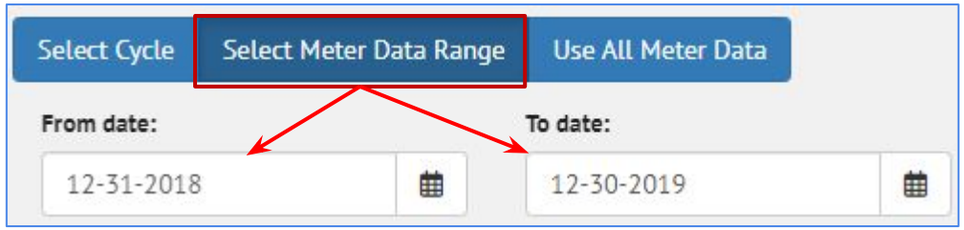
- **Property Detail:** Analyses can now be run from the Property Detail page, Using the Analyses link



- **Property List:** Analyses are now associated with the cycles they were simulated in, so the results can be viewed by cycle



- **BETTER: it is now possible to select a cycle for the meter data to be used, set a date range to use, or use all meter data**



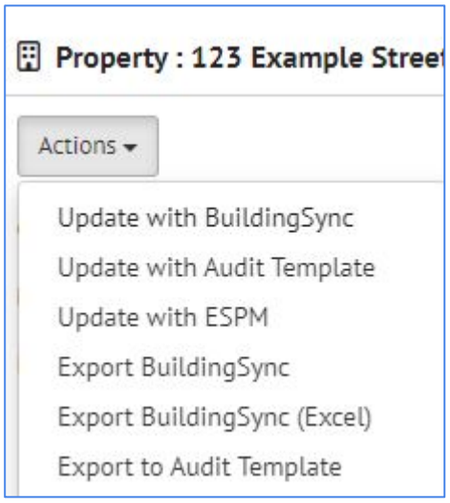
Overview: Updates

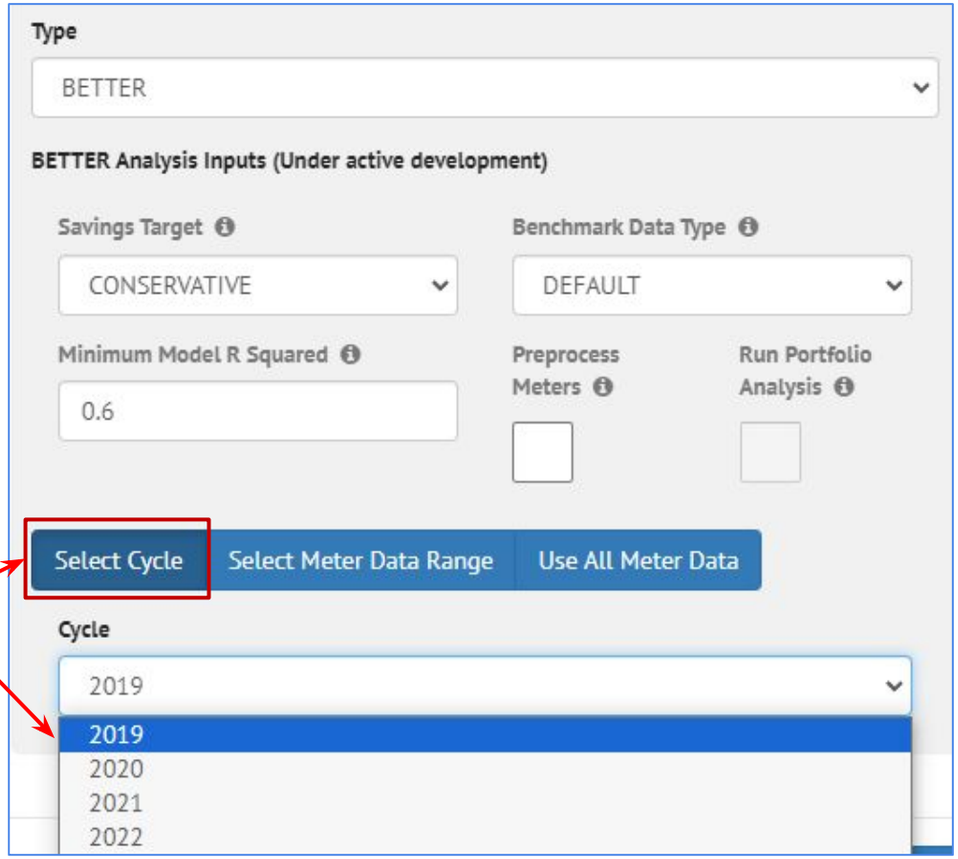
INVENTORY

- **Detail View**
  - It is possible to upload and download a BuildingSync or Audit Template file

ANALYSIS

- **Selecting meter data**
  - Added ability to set the meter date range by cycle





It is possible to select a cycle to determine the start and stop dates of the meter data

New Feature: Analyses: Energy Equity & Environmental Justice (EEEJ)

SEED now has an Analysis feature that will show buildings that are in disadvantaged communities using data from:

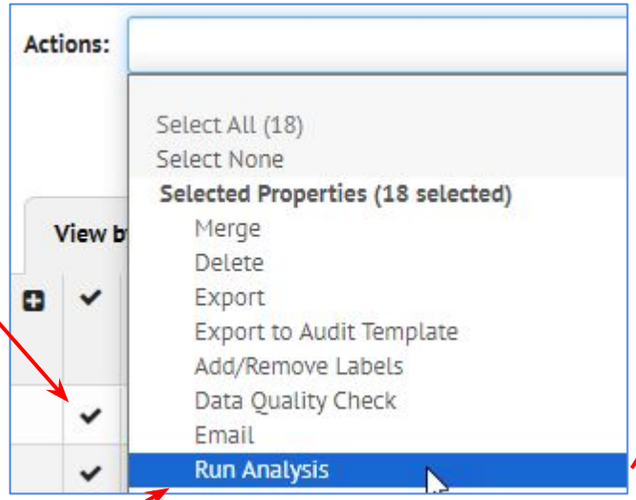
- US Census Bureau census tract data
- Climate and Economic Justice Screening Tool

Climate and Economic Justice Screening Tool

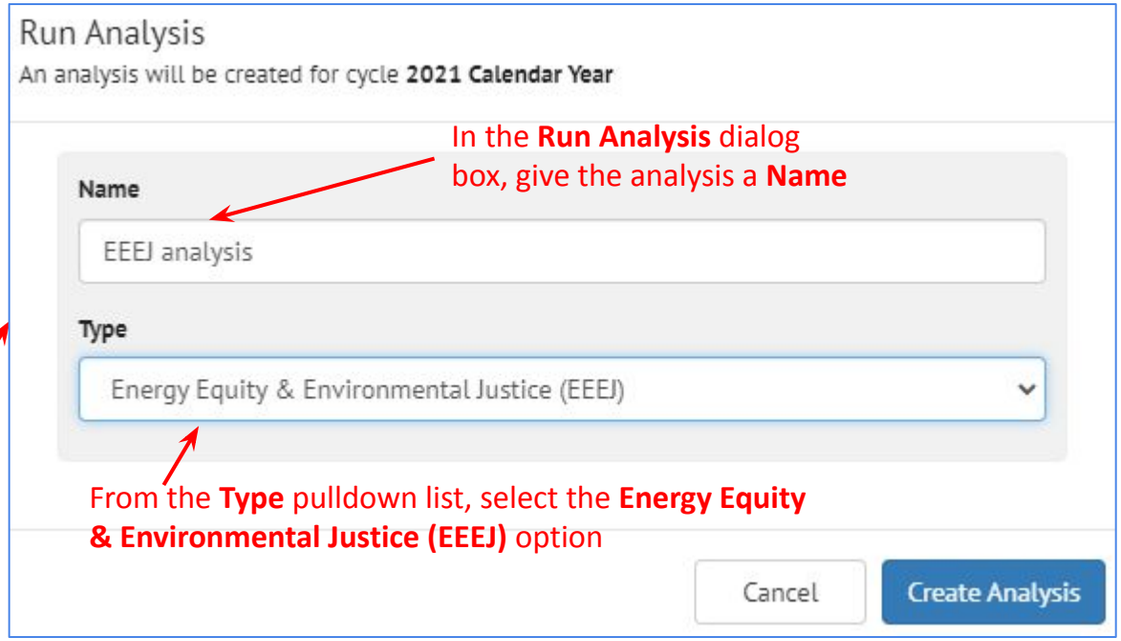
To run an EEEJ analysis, do the following:

- **Property List view**
  - Select the properties for the analysis
  - **Actions pulldown list**
    - Give the analysis a name and select the "Energy Equity & Environmental Justice (EEEJ) option

Select the properties for the analysis



Select **Run Analysis** from the Actions menu



In the **Run Analysis** dialog box, give the analysis a **Name**

From the **Type** pulldown list, select the **Energy Equity & Environmental Justice (EEEJ)** option

New Feature: Analysis: EEEJ: Results

To View the results

- **Analyses**
  - The results will be displayed in the Analyses screen

Analyses

By Analysis | By Property

Analysis Name (User Defined)	Actions	Number of Properties	Type	Configuration	Created	Run Status	Run Date	Run Duration	Run Author	Run Cycle
EEEJ	🗑	9	EEEJ		11-22-2023 18:47	Completed	11-22-2023 18:47	3 seconds	LBNL 250, Robin	2019 Compliance Year

Click on the **Analysis Name** to see the list of individual buildings in the analysis

< Analyses

Analysis: EEEJ

The EEEJ Analysis uses each property's address to identify the 2010 census tract. Based on census tract, disadvantaged community classification and energy burden information can be retrieved from the CEJST dataset. The number of affordable housing locations is retrieved from HUD datasets. Location is used to generate a link to view an EJScreen Report providing more demographic indicators.

NUMBER OF RUNS	TYPE	CONFIGURATION	CREATED	RUN STATUS	LATEST MESSAGE	RUN DATE	RUN DURATION	RUN AUTHOR	RUN CYCLE
9	EEEJ		11-22-2023 18:47	Completed		11-22-2023 18:47	3 seconds	LBNL 250, Robin	2019 Compliance Year

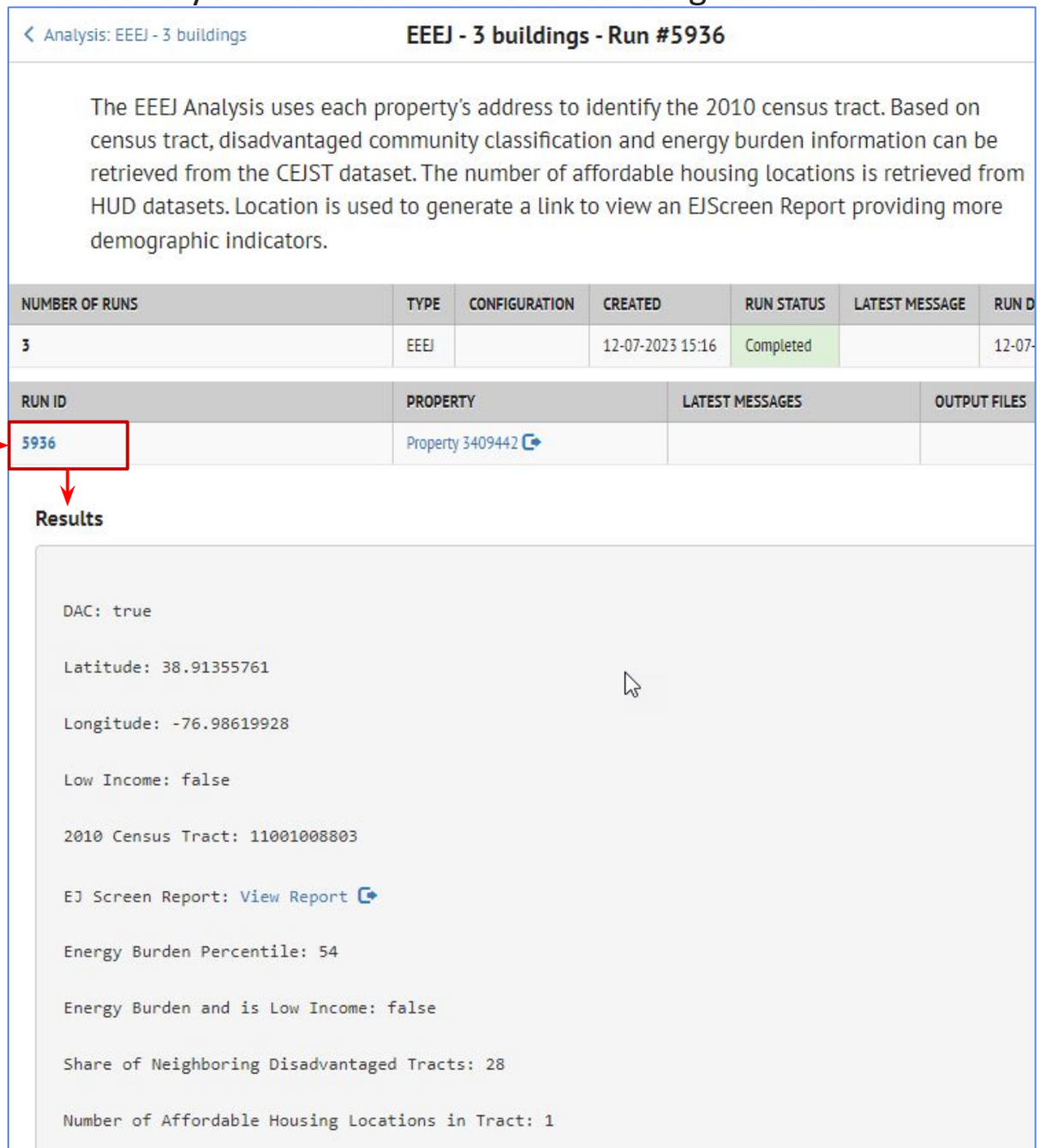
RUN ID	PROPERTY	LATEST MESSAGES	OUTPUT FILES
5618	Property 3273185		
5619	Property 3273186		
5620	Property 3273187		

The list will show a **Run ID** link for each property in the analysis

New Feature: Analysis: EEEJ: Results

- **Analyses Results**
  - Click on the run ID in the analysis list to see individual building results

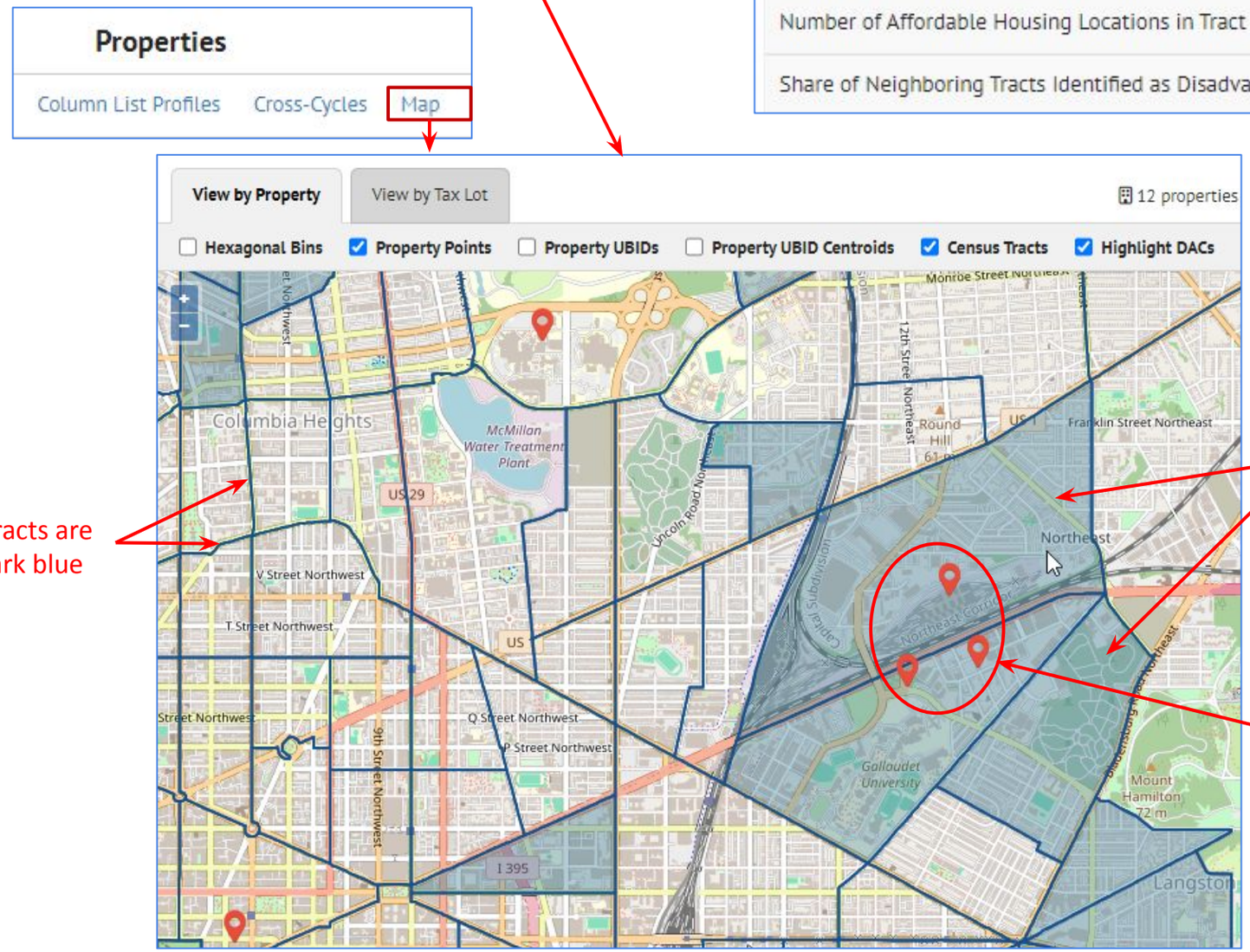
Click on an individual **Run ID** to see the EEEJ results



New Feature: Analysis: EEEJ: Results

- **Analyses Results**
  - Results are displayed in the Property List and Detail view with these fields
  - Results are also displayed on the Inventory List Map

Census Tract	11001008803
Disadvantaged Community	true
Energy Burden and low Income?	false
Energy Burden Percentile	54
Low Income?	false
Number of Affordable Housing Locations in Tract	1
Share of Neighboring Tracts Identified as Disadvantaged	28



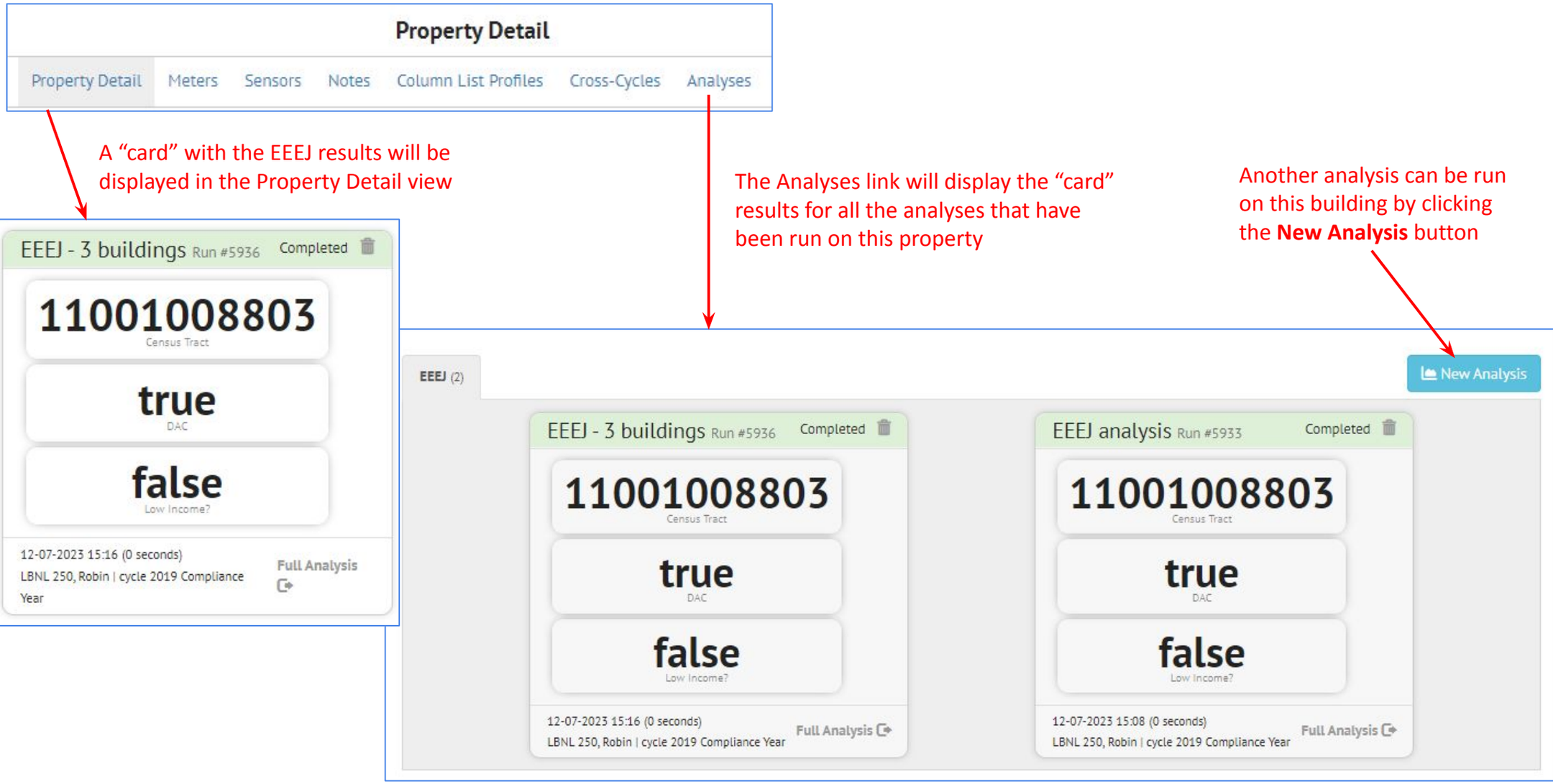
The Census Tracts are outlined in dark blue

Census Tracts with disadvantaged communities are shaded in blue

These buildings are considered to be within a disadvantaged community

New Feature: Analysis: EEEJ: Results

- **Analyses Results**
  - Results are displayed in the Property Detail view in “card” format
  - It is also possible to run an analysis for a specific property from the Property Detail view



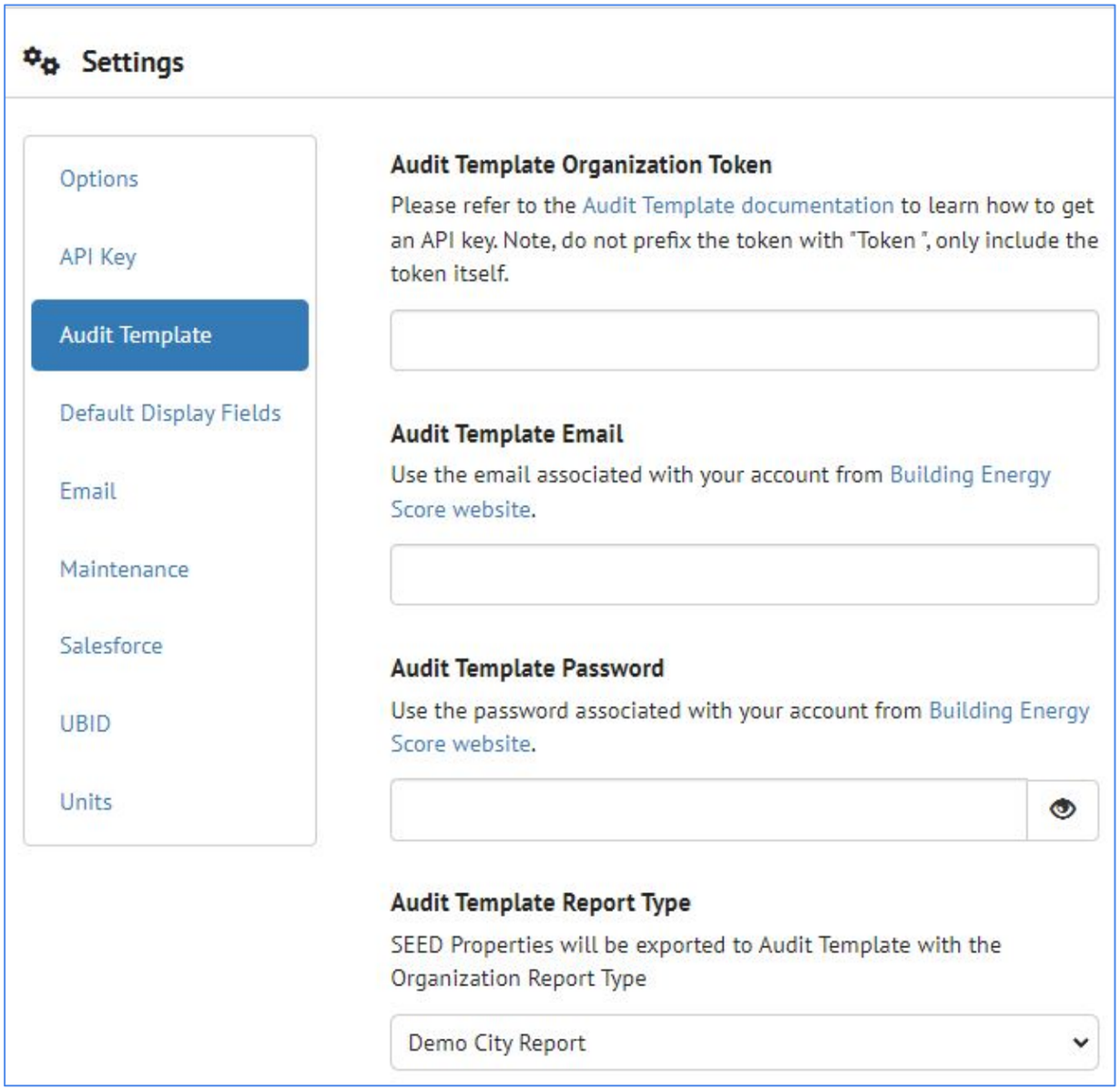
New Feature: Data: Batch import of Audit Template files

It is now possible to import properties directly from an Audit Template

Settings

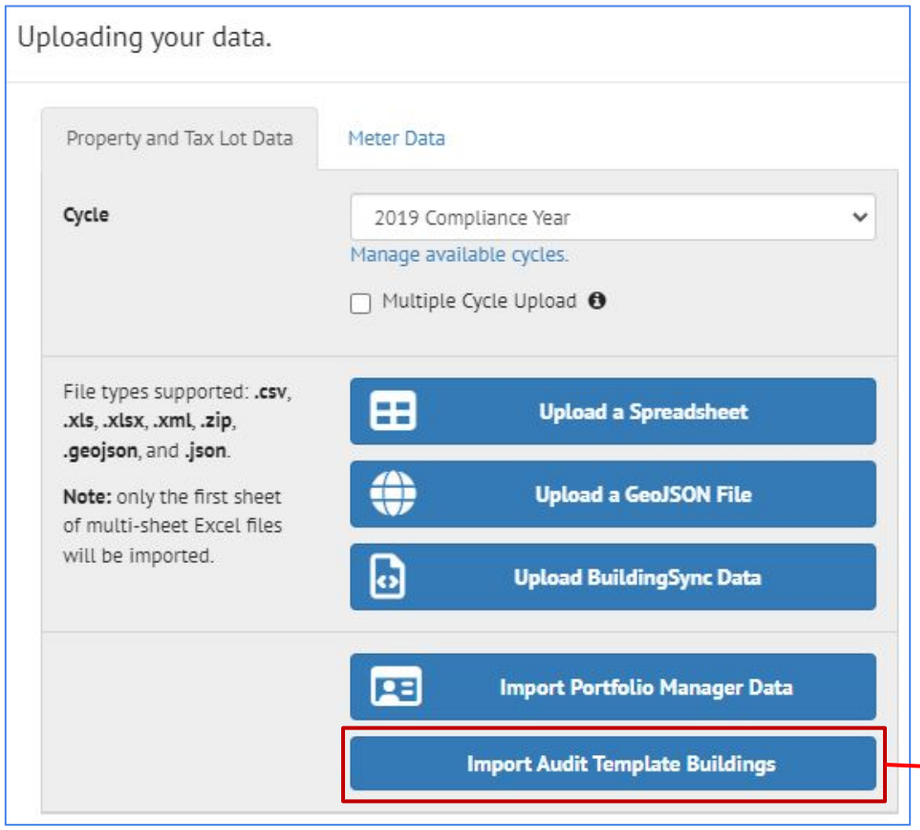
- It is necessary to give SEED the necessary information about the Audit Template account under the **Audit Template** option in **Organizations/Settings**

- The **Audit Template documentation**, linked from this screen, will explain how to get the Organization Token

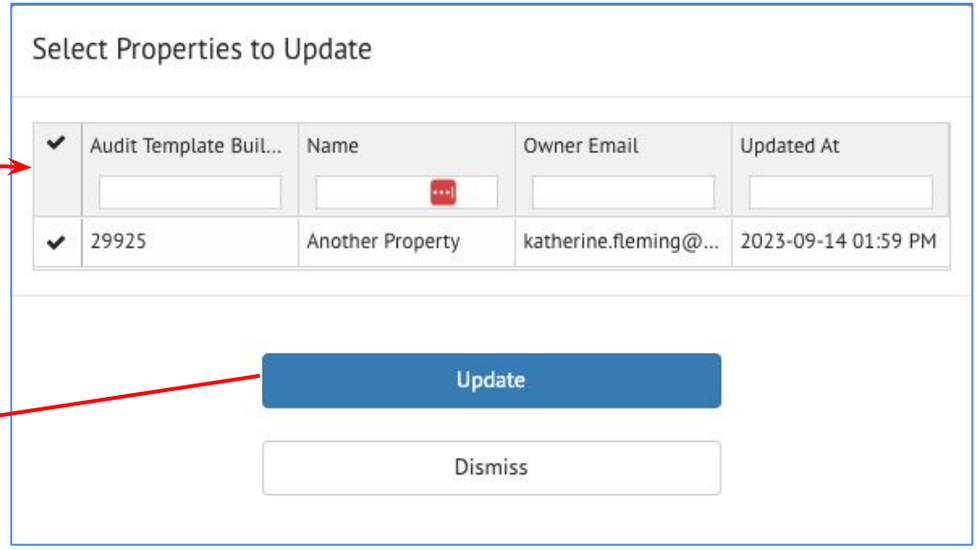
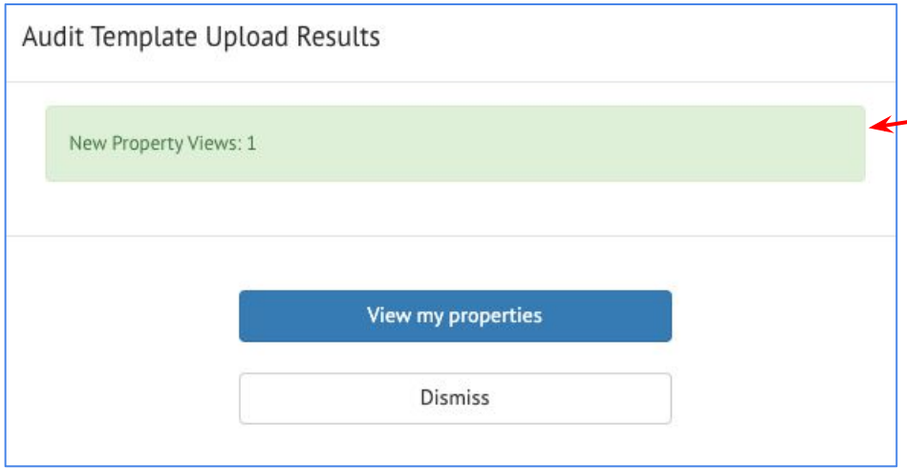


New Feature: Data: Batch import of Audit Template files

In Data, select Add Data Files to a Data Set



A list of eligible audit template building reports to import will then be displayed. These are reports that

1. have a Audit Template Building ID matching a SEED property's audit template building ID field in the selected cycle and
2. have an Audit Template updated date greater than the "Audit Template Updated" SEED field on that matching property or an empty "Audit Template Updated".

Select the desired Audit Template reports to import and click "Update"