Standard Energy Efficiency Data Platform™





Energy Efficiency & Renewable Energy



SEED PLATFORMTM 2.6.0 Meter Data

Created August 5, 2019

Importing Meter Data

Two types of Meter Data

- Energy Star Portfolio Manager Monthly Data Spreadsheet
 - Generated from "Manage Portfolio" in ENERGY STAR Portfolio Manager
 - Imported in the Data section of SEED

Upload Portfolio Manager Meter Usage

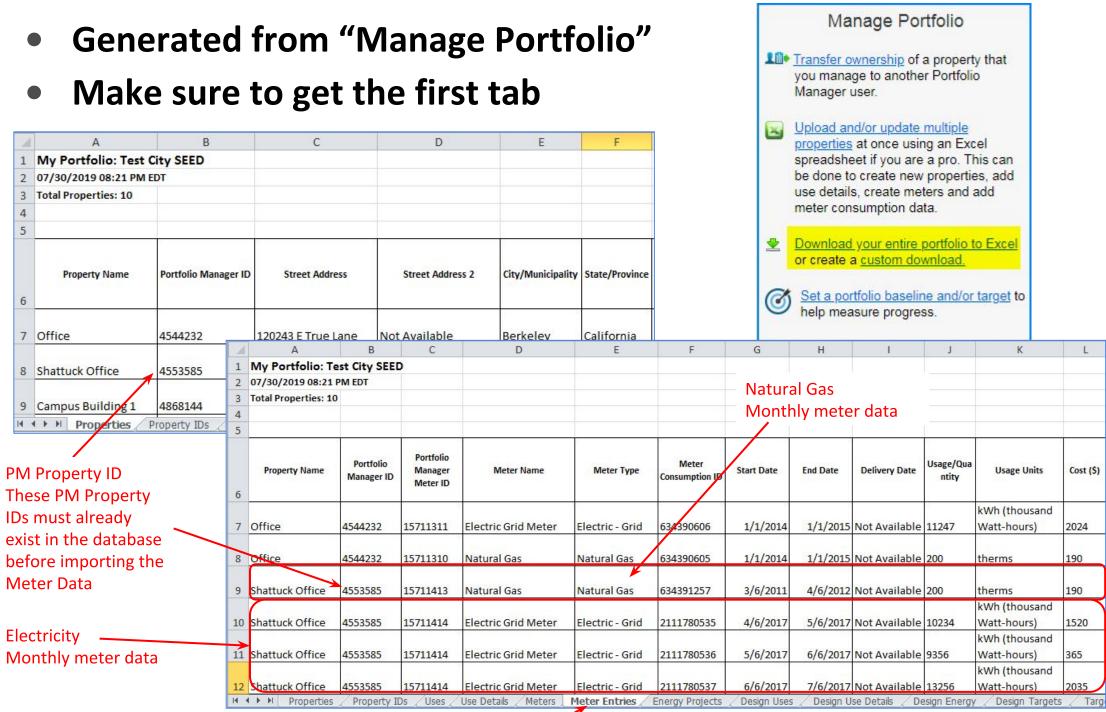
- It will be matched to existing Property records using the PM Property ID field
- Any records without a matched property will not be imported
- Green Button XML Interval Data
 - Imported in the Property Detail Meter view

Multiple meters per building

 A building can have multiple meters from different sources and fuel types

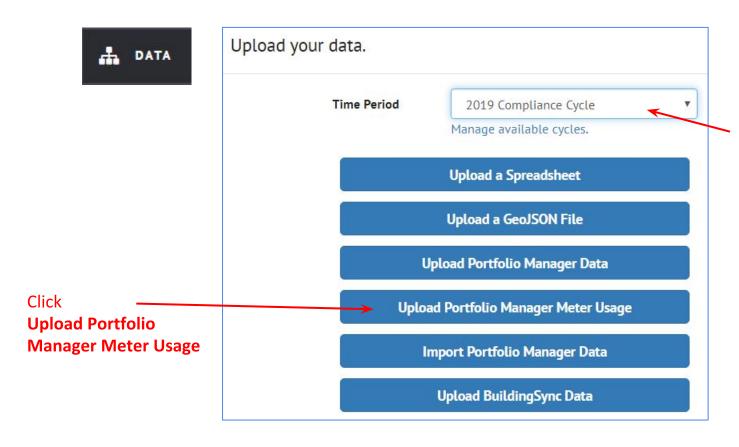
Manage Portfolio

- Transfer ownership of a property that you manage to another Portfolio Manager user.
- Upload and/or update multiple
 properties at once using an Excel
 spreadsheet if you are a pro. This can
 be done to create new properties, add
 use details, create meters and add
 meter consumption data.
- Download your entire portfolio to Excel or create a custom download.
- Set a portfolio baseline and/or target to help measure progress.
- Add sample properties to your account. Up to five sample properties with prepopulated data will be added to your portfolio for testing purposes.



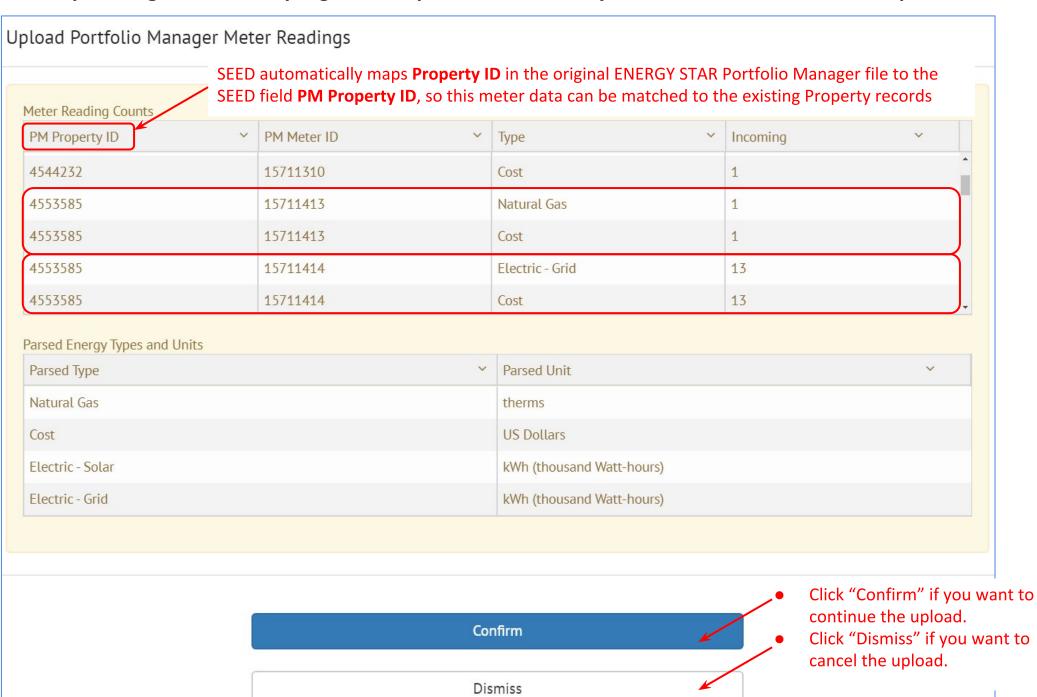
In the Data view, add the meter data by clicking

Upload Portfolio Manager Meter Usage

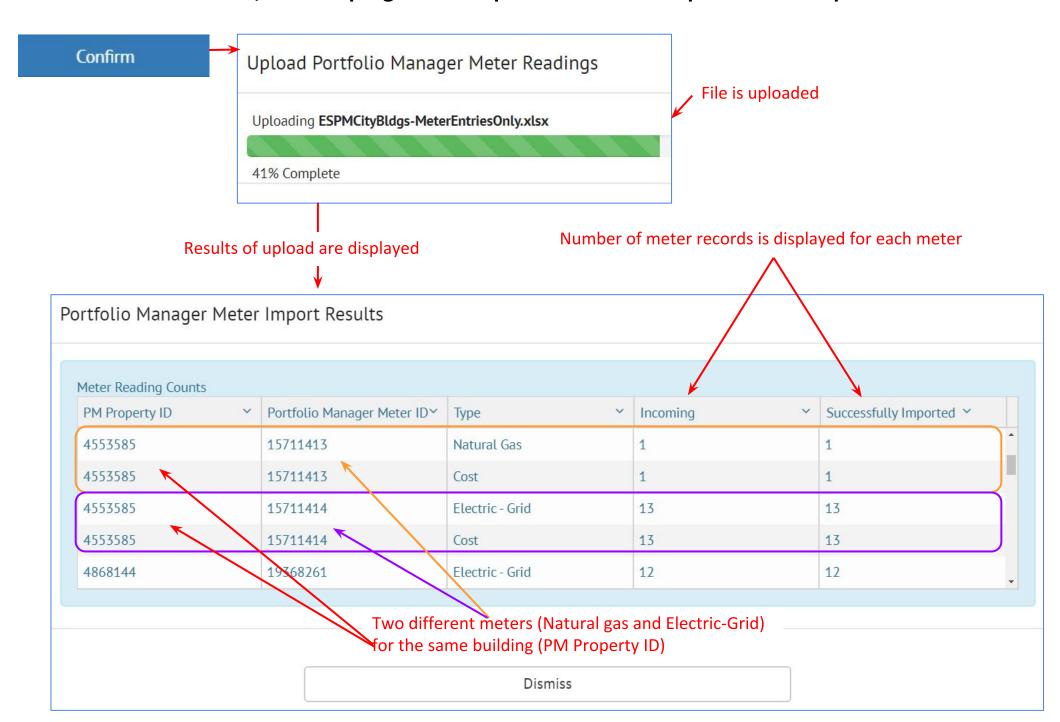


Meters are not attached to Cycles, so it does not matter what the Cycle is set to when you upload Portfolio Manager Meter Usage files

After uploading the file, the program will present a summary of the data in the file to be uploaded

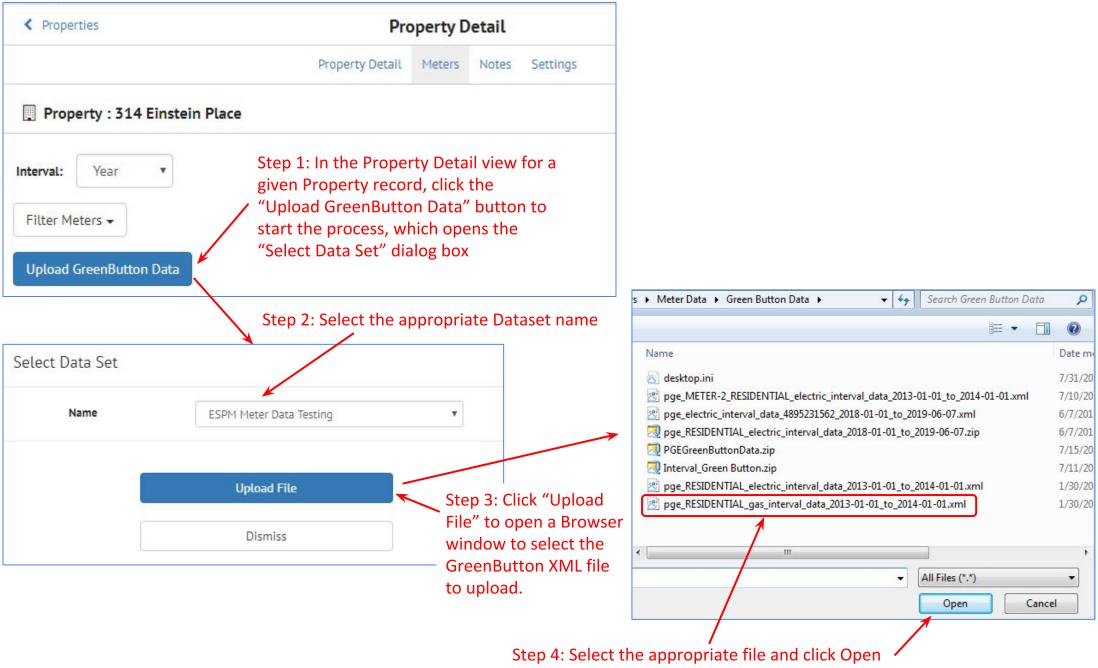


Click the Confirm button, and the program will upload the data and present the import results



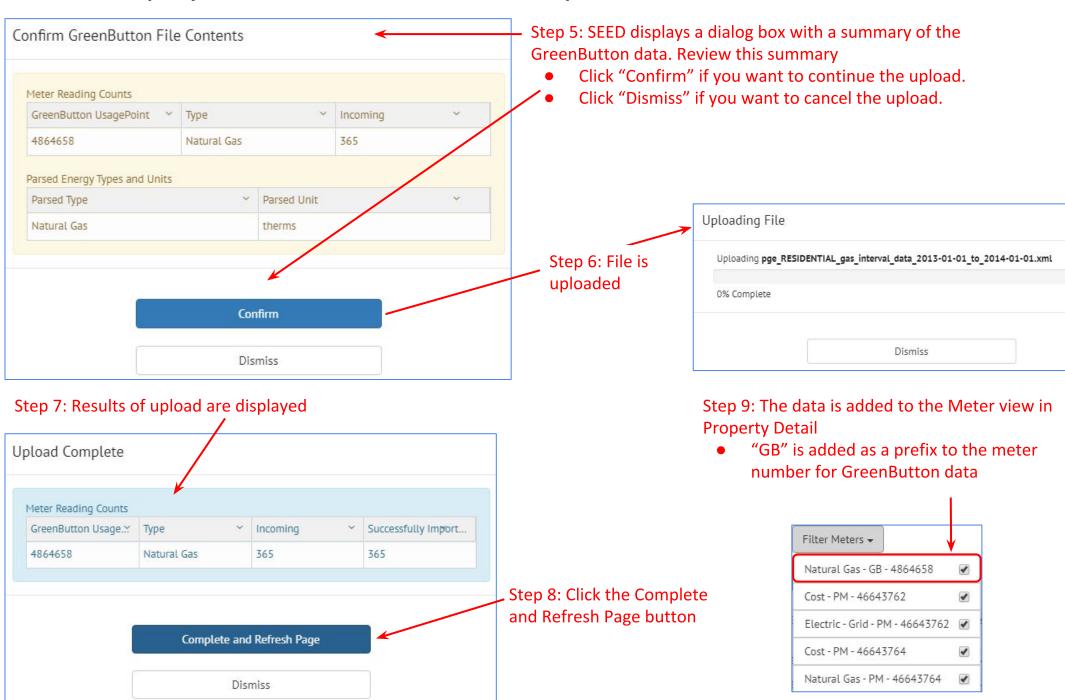
Import Meter Data: Green Button XML

From the Property Detail view for a record, click the "Upload GreenButton Data" button



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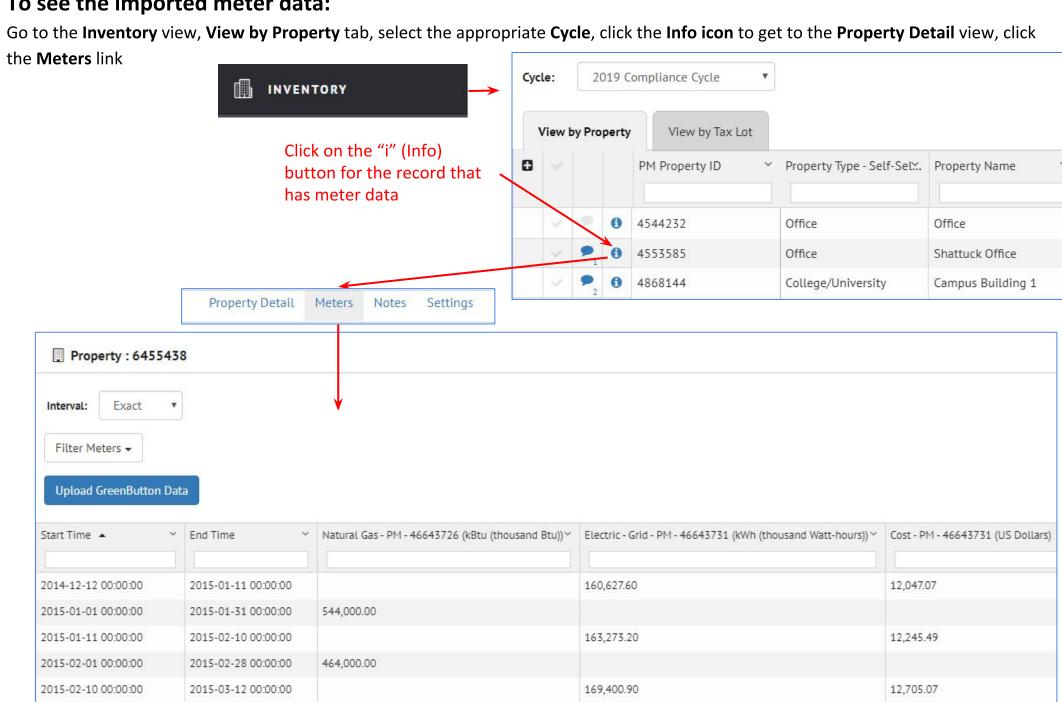


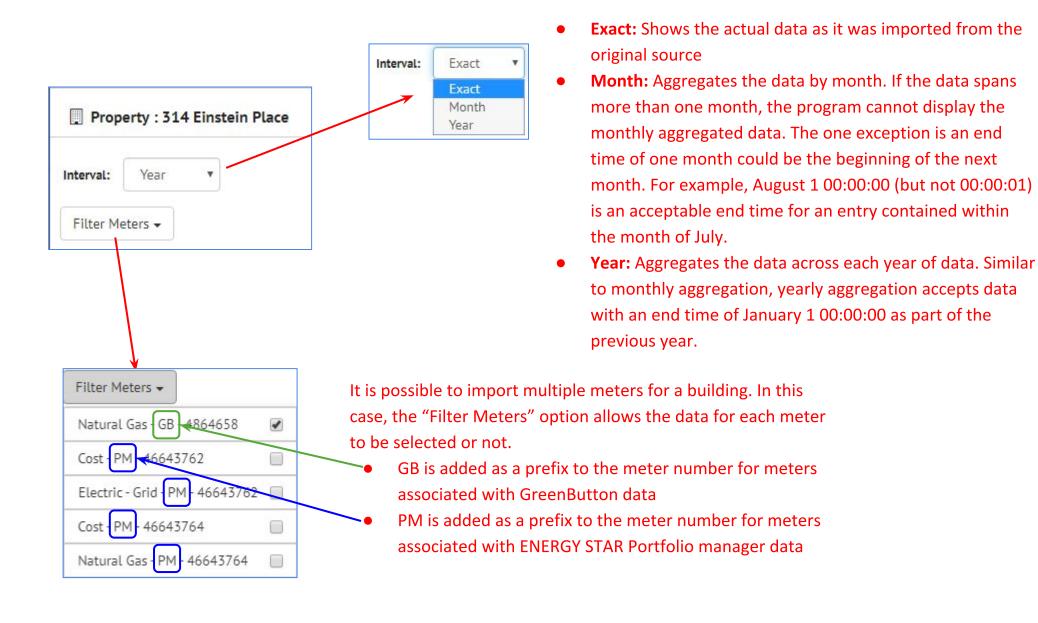
To see the imported meter data:

2015-03-01 00:00:00

2015-03-31 00:00:00

368,000.00





The program will aggregate data based on the Interval selected.

In this case, the monthly data spans more than one month, i.e., 1-11-2014 to 2-10-2015 is defined as one month.

This is shown by setting Interval == Exact



Start Time 🔺 💙	End Time ~	Electric - Grid - PM - 46643762 (kWh (thousand Watt-hours))	Cost - PM - 46643762 (US Dollars)
2015-01-11 00:00:00	2015-02-10 00:00:00	116,431.70	8,732.38
2015-02-10 00:00:00	2015-03-12 00:00:00	122,951.50	9,221.36
2015-03-12 00:00:00	2015-04-15 00:00:00	122,491.00	9,186.83

Therefore, choosing Interval=Month results in no data being displayed

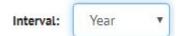




Exception:

If the data spans more than one month, the program cannot display the monthly aggregated data. The one exception is an end time of one month could be the beginning of the next month. For example, August 1 00:00:00 (but not 00:00:01 is an acceptable end time for an entry contained within the month of July.

When Interval == Year, the program aggregates the data for each year



Year Y	Electric - Grid - PM - 46643762 (kWh (thousand Watt-hours))	Cost - PM - 46643762 (US Dollars)
2014	1,449,570.80	108,717.82
2015	1,427,786.70	107,084.02
2016	1,397,457.80	104,809.37
2017	381,000.00	29,390.00

In this case, the monthly data is fully contained within one month

Interval = Exact All the data is displayed

Exact Interval:

Start Time Y	End Time Y	Natural Gas - PM - 46643764 (kBtu (thousand Btu))	Cost - PM - 46643764 (US Dollars)
2014-01-01 00:00:00	2014-01-31 00:00:00	406,140.00	3,533.42
2015-01-01 00:00:00	2015-01-31 00:00:00	383,580.00	3,337.15
2015-02-01 00:00:00	2015-02-28 00:00:00	541,520.00	4,711.22
2015-03-01 00:00:00	2015-03-31 00:00:00	372,300.00	3,239.01

Interval = Month Data is aggregated by month

Data is aggregated by year



Month Y	Natural Gas - PM - 46643764 (kBtu (thousand Btu)) Y	Cost - PM - 46643764 (US Dollars)
January 2014	406,140.00	3,533.42
February 2014	564,090.00	4,907.58
March 2014	394,860.00	3,435.28
April 2014	180,510.00	1,570.44
May 2014	5,640.00	49.07

Interval = Year



Year ~	Natural Gas - PM - 46643764 (kBtu (thousand Btu))	Cost - PM - 46643764 (US Dollars)
2014	2,309,610.00	20,093.62
2015	2,031,110.00	17,670.66
2016	1,965,360.00	17,098.63
2017	1,090,000.00	8,910.00

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Meter Data: DisplayUnits

The units for the data in the Property Detail Meter view are controlled in the Organization / Settings view

