



## Energy Benchmarking of Existing Buildings

### How to Report Benchmarking Results to DDOE

All privately-owned buildings over 50,000 gross square feet must annually report energy and water performance benchmarking data for the previous calendar year to the District Department of the Environment (DDOE) by April 1, as required by the District's benchmarking law (D.C. Official Code § 6-1451.03(c); 20 DCMR 3513). Reporting is done via the U.S. Environmental Protection Agency's (EPA) ENERGY STAR® Portfolio Manager® software tool. After all the data is entered into Portfolio Manager, you must affirmatively send the report to DDOE.

With the launch of the newest version of Portfolio Manager in July 2013, the process for reporting benchmarking information to DDOE has changed. This document offers a step-by-step guidance on how to submit your benchmarking report to DDOE.

Assistance is also available from:

- The District Department of the Environment (DDOE):
  - 202-671-3300
  - [info.benchmark@dc.gov](mailto:info.benchmark@dc.gov)
  - <http://ddoe.dc.gov/energybenchmarking>
- EPA ENERGY STAR:
  - [buildings@energystar.gov](mailto:buildings@energystar.gov)
  - <https://www.energystar.gov/buildings/training>

#### **Prior to Submitting Your Report to DDOE:**

##### **A. Enter complete energy and water data for applicable calendar year**

You must create a Portfolio Manager account and enter energy and water data for your properties. Assistance with benchmarking is available at the resources above.

You no longer have to wait 24 hours since the last change to report. In order to ensure your property to shows up in the report, it must have an address with "District of Columbia (D.C.);" set as the state, and have an Energy Use Intensity (EUI) number. Additionally, you must have utility data covering the period of January 1 – December 31 with no gaps between months of utility data, and no overlapping months, for the calendar year you are trying to report. The start dates for all energy and water meters and the space use info must also predate the calendar year you are trying to report.

## DDOE Energy Benchmarking: How to Report Benchmarking Results to DDOE

### B. Identify your properties

You must identify each property with its **District of Columbia Real Property Unique ID**. This is your Square-Suffix-Lot, Parcel, or Complex number. You can find this number in the [DDOE covered building list](#) or on the [District Master Address Repository](#). If your property covers multiple lots, enter all the lot numbers, separated by semicolons. This data must be entered in a new “District of Columbia Real Property Unique ID” field, available from the drop down-for “Standard IDs”

**If you reported last year, you must move this number from old ID custom ID field, now called “Custom ID 1,” to the new District Real Property Unique Identifier Field.** DDOE and EPA are working to auto-populate field for you but that may not have yet occurred at the time of your submission.

To enter or verify this data, navigate to a property and then click the “Property Details” tab. Click the edit box in the “Unique Identifiers (IDs)” section. You will then be able to edit the custom and standard IDs, as shown below.

**Portfolio Manager Property ID**  
Your Portfolio Manager Property ID was assigned when your property was entered into Portfolio Manager and identifies your property to EPA.  
Portfolio Manager Property ID:

**Custom IDs**  
You can add up to three custom IDs as long as they have different names. Only people who have access to this property data will be able to see these custom IDs.  
~~Custom ID 1:  
Name:  ID:   
Custom ID 2:  
Name:  ID:   
Custom ID 3:  
Name:  ID:~~

**Standard IDs**  
Standard IDs are those typically used as part of a data request by an organization (such as a State or local government, or LEED). If you know your property is going to be part of a data request, you may need to select and specify the relevant ID here.  
Standard ID(s):  
 ID:   
[+ Add Another](#)

**Your Portfolio Manager Property ID**  
Your Portfolio Manager Property ID is set by EPA and unique to your property. Use this number when communicating with EPA about any questions you have about this property.

**Custom IDs**  
The Custom IDs are for you to use as you wish. In addition to your Portfolio Manager Property ID, you may have internal tracking numbers you use in your organization that you want to cross-reference to facilitate reporting. Only people who have access to this property data will be able to see these custom IDs.

**Standard ID Types**  
The list of standard ID types is maintained by EPA. Standard IDs are for national organizations and state and local governments with benchmarking programs.

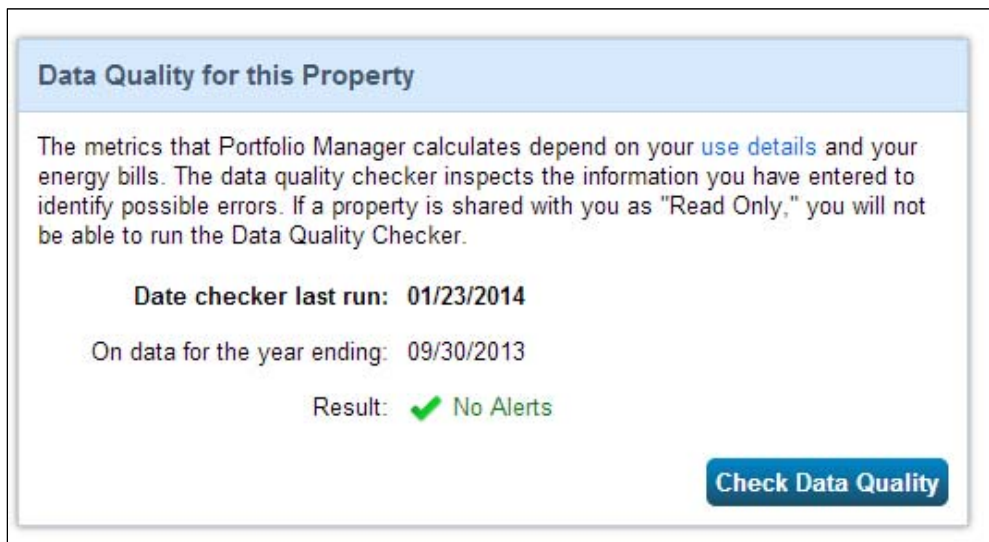
**Save** [Cancel](#)

## DDOE Energy Benchmarking: How to Report Benchmarking Results to DDOE

### C. Run the Data Quality Checker

The New Portfolio Manager incorporates a “[Data Quality Checker](#)” tool. This checker runs a simple verification that compares your data with typical values. The checker then issues alerts that will help you identify energy values and property use details that are unusual given your building’s use, possible typos, incorrect meter readings, missing information, incorrect units of measure, and other common data entry issues. If a value is flagged that is actually accurate, you can provide an explanation. The data quality checker is currently only available for property types that are eligible for a 1-100 score. DDOE *highly recommends* that you run this checker before submitting to DDOE, if it is available.

The Data Quality Checker is accessible from the Summary Tab of each property.



**Data Quality for this Property**

The metrics that Portfolio Manager calculates depend on your [use details](#) and your energy bills. The data quality checker inspects the information you have entered to identify possible errors. If a property is shared with you as "Read Only," you will not be able to run the Data Quality Checker.

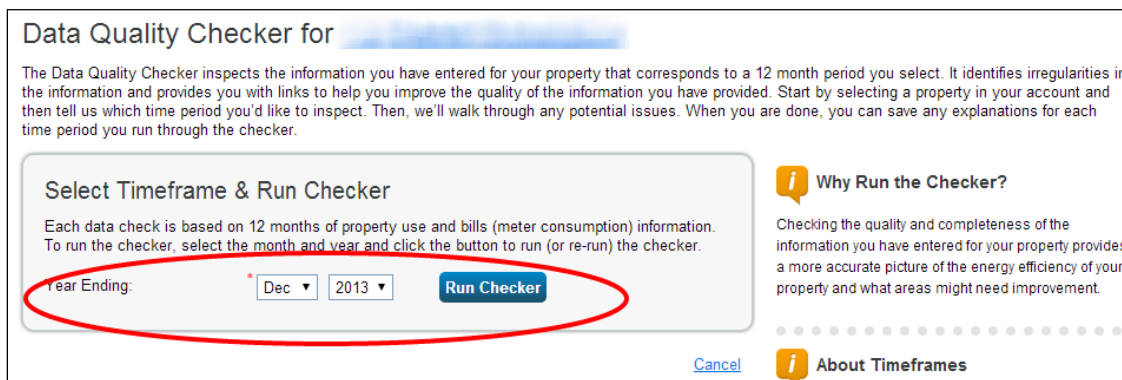
**Date checker last run:** 01/23/2014

On data for the year ending: 09/30/2013

Result: ✔ No Alerts

[Check Data Quality](#)

Once you click the button to “Check Data Quality,” Select December for the month, select the year for which you are attempting to report , and click “Run Checker.” **Make sure to fix any relevant alerts you get before reporting data to DDOE.**



**Data Quality Checker for [Property Name]**

The Data Quality Checker inspects the information you have entered for your property that corresponds to a 12 month period you select. It identifies irregularities in the information and provides you with links to help you improve the quality of the information you have provided. Start by selecting a property in your account and then tell us which time period you'd like to inspect. Then, we'll walk through any potential issues. When you are done, you can save any explanations for each time period you run through the checker.

**Select Timeframe & Run Checker**

Each data check is based on 12 months of property use and bills (meter consumption) information. To run the checker, select the month and year and click the button to run (or re-run) the checker.

Year Ending: \*  2013

[Cancel](#)

**Why Run the Checker?**

Checking the quality and completeness of the information you have entered for your property provides a more accurate picture of the energy efficiency of your property and what areas might need improvement.

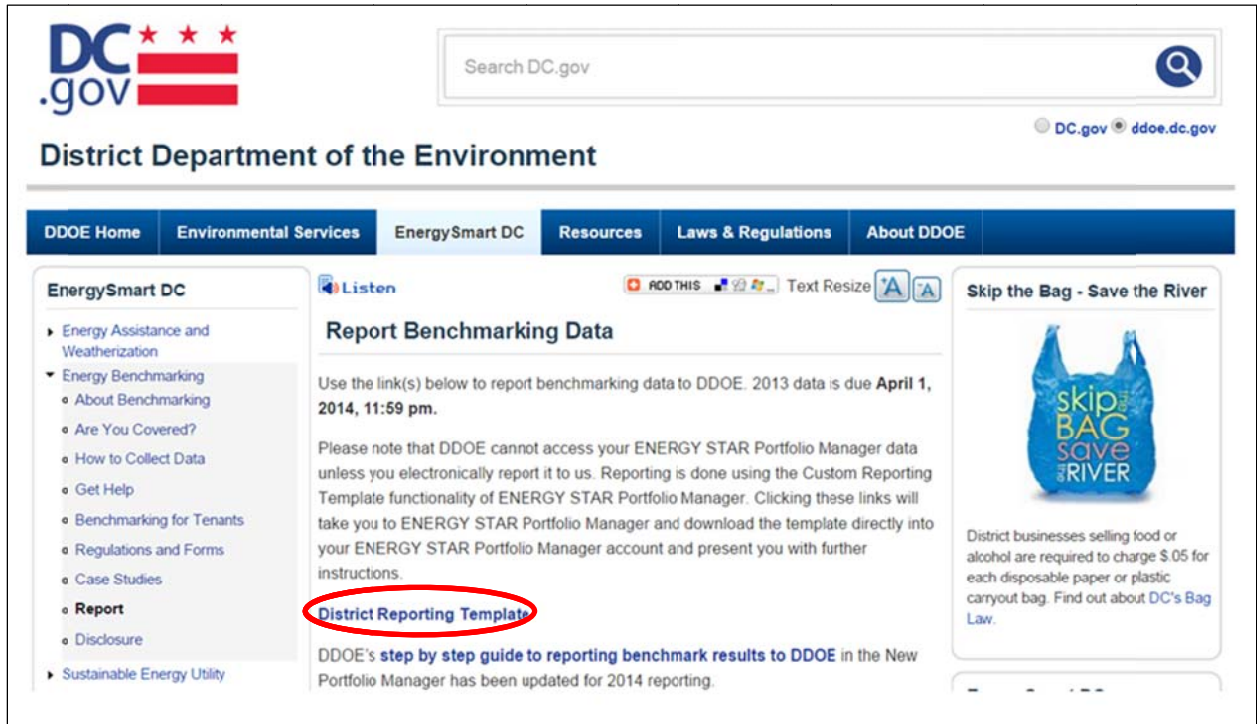
**About Timeframes**

## DDOE Energy Benchmarking: How to Report Benchmarking Results to DDOE

### Reporting Your Benchmark Results to DDOE:

#### 1. Access the District Reporting Template

Visit <http://ddoe.dc.gov/energybenchmarking> and click “Report” in the left sidebar to load the Reporting page. Click the link for the “[District Reporting Template](#)” for the applicable reporting year.



The screenshot shows the District Department of the Environment (DDOE) website. The main navigation bar includes links for DDOE Home, Environmental Services, EnergySmart DC, Resources, Laws & Regulations, and About DDOE. The left sidebar under 'EnergySmart DC' has a 'Report' link highlighted. The main content area is titled 'Report Benchmarking Data' and contains the following text:

Use the link(s) below to report benchmarking data to DDOE. 2013 data is due **April 1, 2014, 11:59 pm.**

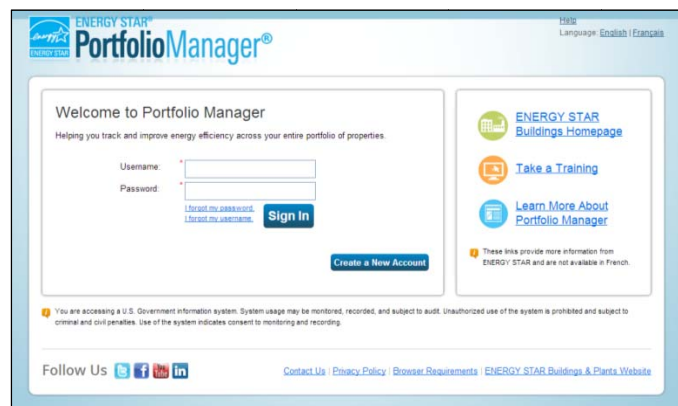
Please note that DDOE cannot access your ENERGY STAR Portfolio Manager data unless you electronically report it to us. Reporting is done using the Custom Reporting Template functionality of ENERGY STAR Portfolio Manager. Clicking these links will take you to ENERGY STAR Portfolio Manager and download the template directly into your ENERGY STAR Portfolio Manager account and present you with further instructions.

[District Reporting Template](#)

DDOE's [step by step guide to reporting benchmark results to DDOE](#) in the New Portfolio Manager has been updated for 2014 reporting.

On the right side of the page, there is a 'Skip the Bag - Save the River' advertisement featuring a blue plastic bag with the text 'SKIP THE BAG SAVE THE RIVER' and a note that businesses selling food or alcohol are required to charge \$0.05 for each disposable paper or plastic carryout bag.

#### 2. Log in to your Portfolio Manager account and load the reporting template



The screenshot shows the ENERGY STAR Portfolio Manager login page. The header includes the ENERGY STAR logo and 'Portfolio Manager' text. The main content area is titled 'Welcome to Portfolio Manager' and contains the following text:

Helping you track and improve energy efficiency across your entire portfolio of properties.

Username:

Password:

[Forgot my password?](#) [Forgot my username?](#) [Sign In](#)

[Create a New Account](#)

On the right side of the page, there are three links: 'ENERGY STAR Buildings Homepage', 'Take a Training', and 'Learn More About Portfolio Manager'. At the bottom of the page, there is a footer with 'Follow Us' links for Twitter, Facebook, YouTube, and LinkedIn, and a 'Contact Us' link.

Clicking the link of DDOE's webpage will load the reporting template automatically.

To locate previously loaded District Reporting Templates, click the “Reporting” tab, scroll down to “Templates and Reports” section, find the “District [Year] Benchmark Reporting

## DDOE Energy Benchmarking: How to Report Benchmarking Results to DDOE

Template (Request from District Department of the Environment Energy Administration)” and select “Respond to Data Request” from the dropdown to the right of that line.

### 3. Read the Instructions

The screenshot shows a web interface with a navigation bar at the top containing tabs for 'MyPortfolio', 'Sharing', 'Planning', 'Reporting', and 'Recognition'. Below the navigation bar is a green notification box that reads: 'Complete this form to respond to the "District 2013 Benchmark Reporting Template" for District Department of the Environment Energy Administration. This response has also been added to your "Templates & Reports" list on the Reporting tab.' The main heading is 'Respond to Data Request: District 2013 Benchmark Reporting Template' with a sub-heading 'from District Department of the Environment Energy Administration (District Department of the Environment)'. The form is divided into two columns. The left column is titled 'About this Data Request' and contains the following text: 'Data Requested By: District Department of the Environment Energy Administration', 'Instructions: **District Benchmark Reporting Template, 2013**', '**Due: April 1, 2014**', 'For detailed instructions on how to use this reporting template to report results to the District Department of the Environment, [download DDOE's step-by-step reporting guide.](#)', '**About This Reporting Template**', 'This is the template to use when reporting energy benchmarking results for calendar year 2013 to the District Department of the Environment (DDOE) for compliance with the District of Columbia's regulations for Energy Performance Benchmarking of Privately Owned Buildings. All private buildings over 50,000 gross square feet (gsf) must report 2013 benchmarking results to DDOE using this template by April 1, 2014. Buildings below 50,000 gsf may optionally report using this template.', and 'Please consult the [District 2013 Data Collection Worksheet](#) for detailed instructions on data inputs, including guidance on additional space use fields, the inclusion of spaces in the building, how to handle vacated tenants, how to benchmark properties with multiple buildings, or share optional narrative information. You will have an opportunity to review the report before submitting.' The right column is titled 'Responding to Data Requests' and contains the text: 'You are viewing this screen because someone has asked you to provide data to them in the form of a data request. To respond, simply fill out the information on this screen and select what properties you wish to include (some decisions may have been made by the data requestor.)' followed by a row of ten small grey circles.

### 4. Identify the submitter

Select whether the information is being submitted on behalf yourself, or someone else.

If the data is being submitted on behalf of one of your contacts, select their name from the dropdown list. If that person or organization is not in the dropdown list, click “Add a Contact” and fill out the required contact information. DDOE will send any correspondence about your submission to the email address of the contact selected.

The screenshot shows a form section titled 'About Your Response'. The question is 'Who is this data being submitted on behalf of?'. There are two radio button options: 'myself' and 'someone else'. The 'someone else' option is selected. Below the radio buttons is a dropdown menu with the text '- Select a contact -' and a blue link labeled 'Add a Contact'.



## DDOE Energy Benchmarking: How to Report Benchmarking Results to DDOE

### 5. Select Buildings

Under “Your Response,” select “One Property,” “Multiple Properties,” or “All Properties.” (Timeframe is locked for the report. It is not necessary to select a timeframe.)

If you selected “One Property,” select it from the property drop down menu that will appear.

If you selected “Multiple Properties,” click the “Select Properties” Button. A pop-up will appear with a list of your properties. Use the filter options to filter the list, and then click the individual check boxes to select properties one by one. You may also click the blue checkbox in the header row to select all properties in the list. Once you’re done, click “Apply Selection.”

<input type="checkbox"/>	Name	Primary Function	State/Province
<input type="checkbox"/>	1st District Headquarters	Other - Public Services	DC
<input checked="" type="checkbox"/>	1st District Substation	Other - Public Services	DC
<input checked="" type="checkbox"/>	200 I St SE	Office	DC
<input checked="" type="checkbox"/>	35 K Community Support Services	Other	DC
<input type="checkbox"/>	3rd District HQ	Other - Public Services	DC
<input type="checkbox"/>	4th District Headquarters	Other - Public Services	DC
<input type="checkbox"/>	4th District Substation	Other - Public Services	DC
<input type="checkbox"/>	5th District Headquarters	Other - Public Services	DC
<input type="checkbox"/>	6th District HQ	Other - Public Services	DC
<input type="checkbox"/>	7th District & Fleet Fueling Site	Other - Public Services	DC
<input type="checkbox"/>	Adams Elementary	K-12 School	DC

Selected Properties: 3 ([View Selection](#))

**Filter Properties (259)**

**Filter by Group** ([Create New Group](#))

- CPI Group (22)
- CPI Pilot Test Group (11)
- DCPS (107)
- DCPS Trusted Data (74)

**Filter by Primary Function**

- College/University (1)
- Courthouse (1)
- Data Center (1)
- K-12 School (148)

**Filter by State/Province**

- District of Columbia (D.C.) (259)

[Apply Selection](#) [Cancel](#)

### 6. Verification

Verify that the number of selected properties matches the number you want to report and then click “Generate Response Preview.”

**Your Response**

Select Information to Include:

Timeframe: \* Single Year | Dec | 2013

*If the data requestor has specified a timeframe for the request, you will not be able to change it.*

Properties: \* Multiple Properties | [Select Properties](#) | Selected Properties: 4

*The data requestor may have asked for one or more standard IDs to be included with the property information. Make sure you have entered the requested standard IDs for each property before sending your response.*

[Generate Response Preview](#) [Cancel](#)

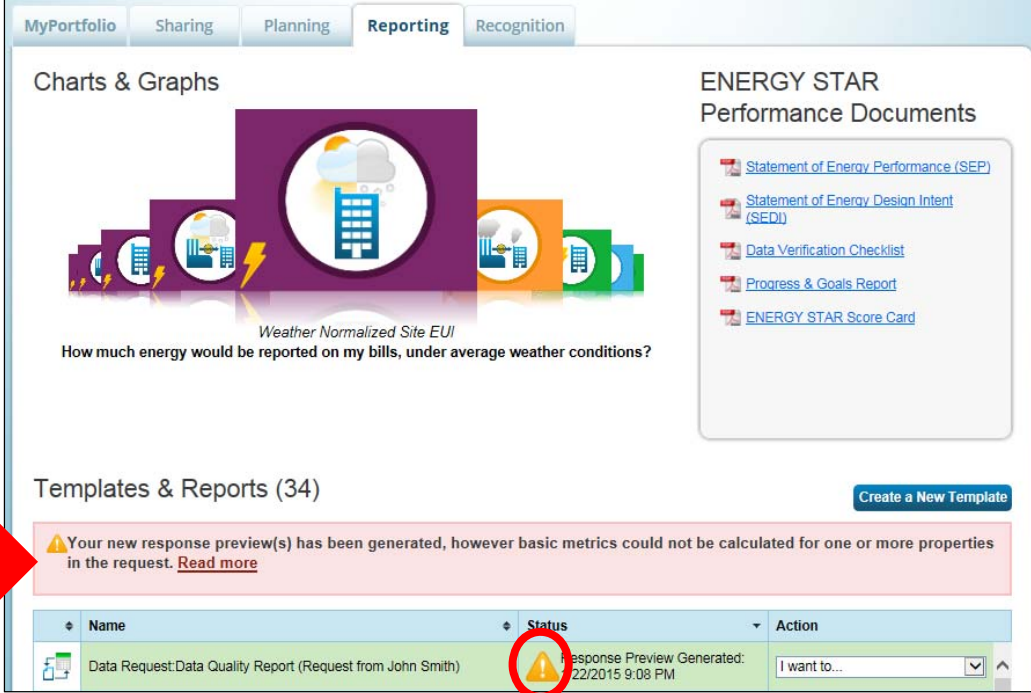
**Previewing Reports**

Making selections here will include specific properties and timeframes in your response. You may preview your response before you send it. However, Portfolio Manager will need to prepare the preview in order for you to view it. Large responses may take more time to prepare. Your response preview will be available from the “Templates & Reports” section on the Reporting tab when it is ready.

## DDOE Energy Benchmarking: How to Report Benchmarking Results to DDOE

### 7. Check Data Quality Alerts

In the main reporting page, you will see “Response Preview Generated” next to the line for the template. If Portfolio Manager detects that at least one property within the response cannot receive an annual site EUI or Water Use metric for the performance period, a pink alert box then appears on the Reporting tab to notify you. There will also be an alert icon (⚠️) next to the affected data request in the “Templates & Reports” table. Clicking “Read more” will direct you to a page that contains more details.




The screenshot displays the 'Reporting' tab of the DDOE Energy Benchmarking interface. It features a 'Charts & Graphs' section with a bar chart titled 'Weather Normalized Site EUI' and a question: 'How much energy would be reported on my bills, under average weather conditions?'. To the right, there is a section for 'ENERGY STAR Performance Documents' with links to 'Statement of Energy Performance (SEP)', 'Statement of Energy Design Intent (SEDI)', 'Data Verification Checklist', 'Progress & Goals Report', and 'ENERGY STAR Score Card'. Below these sections is a 'Templates & Reports (34)' section with a 'Create a New Template' button. A pink alert box is visible, containing the message: 'Your new response preview(s) has been generated, however basic metrics could not be calculated for one or more properties in the request. [Read more](#)'. A red arrow points to this alert box. Below the alert box is a table with columns for Name, Status, and Action. The first row shows a 'Data Request: Data Quality Report (Request from John Smith)' with a status of 'Response Preview Generated: 2/22/2015 9:08 PM' and an alert icon (⚠️) circled in red next to it.

Name	Status	Action
Data Request: Data Quality Report (Request from John Smith)	Response Preview Generated: 2/22/2015 9:08 PM	I want to...

## DDOE Energy Benchmarking: How to Report Benchmarking Results to DDOE

After clicking “Read more”, you will see the alert page, listing all properties for which “Not Available” is present in the Site EUI or Water Use field alongside specific data quality alerts. The links within the alerts will take you to the specific screen where the data issue can be fixed.

**Data Request Response Has Missing Metrics (N/A's)**

 Your data response contains 41 properties where the **Site EUI** and/or **Total Water Use** could not be calculated.

When **Site EUI** and/or **Total Water Use** cannot be calculated, typically it means there is not 12 full months of complete meter data or there is a problem with your property's **Gross Floor Area**. These metrics are the basis for other more complicated metrics (such as the **ENERGY STAR Score**), so other metrics may also be unavailable as a result.


Properties With Missing Metrics (N/A's) (41) (response preview generated 01/22/2015 09:08 PM EST)


Property ID	Property Name	Period Ending Date	Site EUI	Total Water Use
3681819	<a href="#">Portfolio Manager Store</a>	12/31/2014	The meter <a href="#">Electric Grid Meter</a> does not have 12 full calendar months of bills for the selected year. Please enter bills for the full 12 months.	This property does not have at least one meter for the type of energy or water used in this metric calculation. For example, you cannot receive a value for "total electricity" if you only have gas meters. If you believe there is an error, go to the Meters tab, select "View/Edit Configuration" and make sure you've associated the correct meter(s) for use in your metrics.
3884860	<a href="#">Sample 1</a>	12/31/2014	You do not have any meters associated with your property. To associate a meter, go to the Meters tab and select "View/Edit Configuration," then tell us which meters to add together for your performance metrics.	You do not have any meters associated with your property. To associate a meter, go to the Meters tab and select "View/Edit Configuration," then tell us which meters to add together for your performance metrics.
4021271	<a href="#">Sample 1</a>	12/31/2014	You do not have any meters associated with your property. To associate a meter, go to the Meters tab and select "View/Edit Configuration," then tell us which meters to add together for your performance metrics.	You do not have any meters associated with your property. To associate a meter, go to the Meters tab and select "View/Edit Configuration," then tell us which meters to add together for your performance metrics.

At the bottom of the alert page, you will be given three options:


1. Review and edit the properties to resolve the alerts prior to generating a new report and submitting data
2. Generate a new report to account for changes/fixes made since the last report was generated
3. Bypass the alerts and submit the data as a response to the request

**What Would You Like To Do?**

 **I Want to Review/Edit these Properties**  
 You can review individual properties/meters by using the links in the table above or [download it to Excel](#) in order to begin troubleshooting these issues.

 **I Thought I Fixed These Problems- I Want to [Generate an Updated Response](#)**  
 If you have made changes to your data since your response was generated (01/22/2015 09:08 PM EST), you will need to re-generate the report in order for these changes to be reflected.

[Generate Updated Response](#)

 **I Want to Submit Anyway**  
 If you have verified that any issues listed in the table above are not the result of a mistake, you can continue submitting your response. Note that an incomplete request could be considered invalid or non-compliant by the requestor so it is strongly encouraged that you fix any issue before proceeding.

[Send Response](#)  
 (You will confirm your response on the next screen)



## DDOE Energy Benchmarking: How to Report Benchmarking Results to DDOE

Clicking “download it to Excel” under “I Want to Review/Edit These Properties” will export the contents of the list shown in step 3 to Excel where they can be saved, shared, filtered, sorted, etc.

	A	B	C	D	E
1	Properties With Missing Metrics (N/A's)				
2	Current as of: 01/22/2015 09:08 PM EST				
3	Number of properties/buildings in report: 41*				
4					
5	Property ID	Property Name	Period Ending Date	Site EUI	Total Water Use
27	4021271	Sample 1	12/31/2014	You do not have any meters associated with your property. To associate a meter, go to the Meters tab and select "View/Edit Configuration," then tell us which meters to add together for your performance metrics.	You do not have any meters associated with your property. To associate a meter, go to the Meters tab and select "View/Edit Configuration," then tell us which meters to add together for your performance metrics.
28	4021272	Sample 2	12/31/2014	You do not have any meters associated with your property. To associate a meter, go to the Meters tab and select "View/Edit Configuration," then tell us which meters to add together for your performance metrics.	You do not have any meters associated with your property. To associate a meter, go to the Meters tab and select "View/Edit Configuration," then tell us which meters to add together for your performance metrics.
29	3398574	Sample School	12/31/2014	The meter [Diesel] does not have 12 full calendar months of bills for the selected year. Please enter bills for the full 12 months. The meter [TEST SCHOOL METER] does not have 12 full calendar months of bills for the selected year. Please enter bills for the full 12 months. The meter [Natural Gas] does not have 12 full calendar months of bills for the selected year. Please enter bills for the full 12 months.	The meter [TEST WATER] does not have 12 full calendar months of bills for the selected year. Please enter bills for the full 12 months.

Clicking “Generate an Updated Response” will refresh the report to account for any updates made to the properties since the initial report, with the list of associated alerts, was generated. If any alerts remain, the pink screen will appear once again on the Reporting tab after the revised report is generated and include a link to the updated list of alerts.

If no alerts remain, the pink box will not appear, and users can send their response to the data request using the “I want to...” dropdown menu next to their generated response in the “Templates & Reports” table.

### 8. Set Up Response Submission

Once you have checked all the data quality alerts and made corrections where necessary, select “Send Response” from the dropdown menu.

On the submission page, select who you want to get copies of the confirmation email from EPA. Hold down the Control (Ctrl) key to select multiple names. Choose the file format for the copy of the data you will receive.

Re-enter your username and password and click “E-Sign Response.”

## DDOE Energy Benchmarking: How to Report Benchmarking Results to DDOE

Confirm Response to Data Request from District Department of the Environment Energy Administration (District Department of the Environment)

By clicking Send Data, you will release data to District Department of the Environment Energy Administration (District Department of the Environment). You will receive a confirmation email with a receipt and a copy of the data attached.

**1** Who (besides you) should we send a confirmation email to?

Select contacts from your contacts book:

To select multiple contacts, hold down your Control (CTRL) key and click on each selection. Only your [connected contacts](#) appear in the list.

**2** What format would you like your data in for the email attachment?

Excel  
 XML

**3** E-Sign your Data Response

I hereby certify that I am releasing data about my properties, or on behalf of someone else, to District Department of the Environment Energy Administration with District Department of the Environment.

Your username:

Your password:

**About Releasing Your Data**

Once you have chosen to release your data, there is no way to retract it. Please [review](#) your report to identify any data issues before sending to avoid incomplete or incorrect data being released.

**About Signing Your Response**

Please provide login credentials (username and password) to electronically sign your response.

### 9. Send Data

Click the “Send Data” button, and then confirm the submission. You’ll receive an email confirmation from U.S. EPA that you have successfully sent data to DDOE, along with a copy of the data you submitted.

### 10. Save Documentation

You are required to retain copies of all documents related to benchmarking for three years. These include:

- a. A copy of the confirmation email from EPA ENERGY STAR,
- b. A copy of the data submission as an Excel or XML file,
- c. A copy of any worksheets or other documents used to collect input data,
- d. A copy of any requests sent to tenants, and any responses received from them, and
- e. A copy of any requests sent to utility companies, and the data received.